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Energy Information Administration

November 2008

Short-Term Energy Outlook

November 12, 2008 Release

Highlights

- The current U.S. and global economic downturn has led to a decrease in global energy demand and a rapid and substantial reduction in crude oil and other energy prices. As a result, projections for both energy demand and prices are considerably lower than last month's *Outlook*.

- The monthly average price of West Texas Intermediate (WTI) crude oil fell from over $133 per barrel in July to about $77 per barrel in October, indicative of the abrupt decline in world petroleum demand growth. The annual average WTI price is now projected to be $101.45 per barrel in 2008 and $63.50 in 2009.

- The average U.S. prices for regular-grade gasoline and diesel fuel, at $2.22 and $2.94 per gallon respectively on November 10, were both more than $1.80 per gallon below their highs in mid-July. With a weak economy continuing through most of 2009, along with lower projected crude oil prices, the annual average retail gasoline and diesel prices in 2009 are projected to be $2.37 and $2.73 per gallon, respectively.

- Residential heating oil prices during the current heating season (October though March) are projected to average $2.75 per gallon, a reduction of about 17 percent from the 2007-2008 heating season. Residential propane prices are projected to average $2.22 this winter, a decrease of 10 percent from last winter. Residential natural gas prices are projected to average $13.02 per thousand cubic feet (Mcf), an increase of 2 percent from last winter.

- The impact of the economic downturn on demand is also lowering current and expected natural gas prices. The Henry Hub natural gas spot price is projected to average $9.27 per Mcf in 2008. The projected 2009 annual average Henry Hub price is $6.82 per Mcf compared with $8.17 in the previous *Outlook*.

Economic Outlook

The recent dramatic deterioration in the outlook for economic growth in the United States and the rest of the world has led to a significant reduction in this *Outlook*'s assumptions for world economic growth and projections of energy demand and prices. World real gross domestic product (GDP) growth is projected to slow from about 4 percent in 2006 and 2007 to about 2.5 percent this year and 1.8 percent in 2009. Last month's *Outlook* assumed world GDP would increase by 3.0 percent in 2008 and by 2.8 percent in 2009. Previous lows for world economic growth were 0.3 percent in 1982, 1.7 percent in 1993, and 1.5 percent in 2001.

The year-over-year changes in U.S. real GDP in last month's *Outlook* were 1.8 percent growth in 2008 and 0.8 percent growth in 2009. U.S. real GDP growth in the current *Outlook* has been lowered to 1.3 percent for 2008 and is projected to decline by 1.4 percent in 2009. The 2009 average unemployment rate has been raised from 6.2 percent to 7.9 percent in this forecast. The U.S. manufacturing production index was lowered by 1.1 percent and 7.0 percent for 2008 and 2009, respectively, with the 2009 growth rate of the index falling from a positive 0.5 percent (growth) to negative 5.5 percent (decline).

Global Petroleum

Overview

Rising prices, especially the high oil prices in the first half of 2008, and slowing global economic growth have caused oil demand growth to slow dramatically. The recent announcement by the Organization of the Petroleum Exporting Countries (OPEC) to lower its production target by 1.5 million barrels per day (bbl/d), effective November 1, is aimed at offsetting this lower oil demand and stabilizing prices at or above recent levels. OPEC members plan to meet again in Algeria on December 17 to review market conditions.

Future price levels will primarily depend on the magnitude and duration of the economic downturn as well as OPEC and non-OPEC behavior. Our current expectation of future oil prices assumes that the OPEC production cut may limit, but not reverse, the recent sharp fall in oil prices. We project oil prices to remain relatively flat, averaging $60 to $65 per barrel throughout 2009. The condition of the global economy is expected to remain the most important factor driving world oil prices.

Consumption. World oil consumption is projected to increase by almost 100,000 bbl/d in 2008 and to remain virtually flat in 2009. In both years, growth in countries outside of the Organization for Economic Cooperation and Development (OECD)— especially China, Latin America, and oil-exporters in the Middle East—offset projected sharp declines in oil consumption in OECD countries (World Oil Consumption). Between 2007 and 2009, non-OECD oil consumption is projected to rise by 2.3 million bbl/d compared with a decline of 2.2 million bbl/d in the OECD. We expect economic growth in non-OECD countries not to fall as precipitously as in the OECD countries, with the non-OECD countries maintaining modest oil demand growth.

Non-OPEC Supply. Non-OPEC supply is expected to decline in 2008, but growth should return in 2009 because of projects currently near completion. EIA expects non-OPEC supply to fall by 280,000 bbl/d in 2008. A combination of factors contributed to the decline in 2008, including project delays and large supply disruptions in Central Asia and the Gulf of Mexico. EIA projects that non-OPEC supply will grow by 500,000 bbl/d in 2009, with the largest sources of growth coming from the United States, Azerbaijan, and Brazil. In the United States, production of petroleum and other liquids is expected to rise by 450,000 bbl/d in 2009 because of the start-up of several offshore crude oil production platforms, recovery from hurricane-induced shut-ins, and continuing growth in fuel ethanol production.

Non-OPEC supply growth is at continual risk to unexpected disruptions or project delays, but the global economic slowdown brings additional difficulties as well. Lower oil prices bring into doubt the viability of some high-cost non-OPEC projects. If problems in global financial markets lead to delayed investment in existing and new oil fields, then even a short-lived economic downturn could have longer-term ramifications for world oil supply. This would heighten the risk of a return to a tight supply situation once the world economy (and thereby oil demand growth) recovers.

OPEC Supply. OPEC decided at its October meeting to cut its crude oil production targets by 1.5 million bbl/d in response to the global economic slowdown, weakening oil demand, falling oil prices, and in anticipation of rising non-OPEC supplies. The extent of actual OPEC compliance to its new production target is uncertain. This *Outlook* assumes that the recent sharp decline in oil prices will lead to compliance that is above historical levels. EIA projects that OPEC crude oil production will fall from 32.3 million bbl/d in October 2008 to 31.3 million bbl/d in the first quarter of 2009, where it will remain relatively stable through the end of 2009. This represents a decline of 1 million bbl/d from October 2008 production levels, or about 70 percent of the announced cut. Last month's assessment already had a 600,000-bbl/d reduction in OPEC crude production over this period, so the new estimate represents an additional 400,000-bbl/d cut from last month's *Outlook*.

Lower crude oil production, combined with planned increases in OPEC production capacity, suggests OPEC surplus production capacity could increase from 1.6 million bbl/d in the second quarter of 2008 to nearly 4 million bbl/d by the end of next year (OPEC Surplus Oil Production Capacity). Although it is possible that weak market conditions could delay some of these capacity expansion plans, EIA expects OPEC surplus production capacity to rise above 3 million bbl/d next year for the first time since 2003, which would provide Saudi decision makers with a cushion large enough to provide a capability to dampen the impact of future disruptions or geopolitical uncertainties on oil prices.

Inventories. Revised data indicate that OECD commercial inventories rose by 400,000 bbl/d in the second quarter of 2008, or at about half of the historic level of inventory build rate during this time of year. OECD commercial inventories stood at 2.6 billion barrels at mid-year, or 56 days of forward consumption cover. On the basis of days of forward cover, OECD commercial inventories are well above historic levels, and EIA projects that they will remain there through the end of 2009 (Days of Supply of OECD Commercial Stocks).

U.S. Petroleum

Consumption. Consumption of all petroleum products is projected to decline substantially in 2008, driven down by the increase in prices and by a weakening economy during the second half of the year. Total domestic petroleum consumption is projected to average 19.6 million bbl/d in 2008, down 1.1 million bbl/d, or 5.4 percent, from the 2007 average (U.S. Petroleum Products Consumption Growth). This marks the first time since 1980 that annual total petroleum consumption is expected to decline by more than 1 million bbl/d. In 2008, motor gasoline consumption is projected to decline by 280,000 bbl/d, or 3 percent, and distillate fuel consumption is projected to decline by 250,000 bbl/d, or 6 percent. In 2009, total petroleum product consumption is projected to sink by a further 250,000 bbl/d, or 1.3 percent. This decline is more than twice that projected in the previous *Outlook*.

Production. In 2008, domestic crude oil production is projected to average 4.9 million bbl/d, down 120,000 bbl/d from 2007 levels. This is primarily due to the loss of production in the Federal Gulf of Mexico caused by Hurricanes Ike and Gustav (U.S. Crude Oil Production). Domestic crude oil production has been steadily declining since the 1970s, and the 2008 projection for crude oil production falls below 5 million bbl/d for the first time since 1946. However, domestic production is projected to increase in 2009 by 400,000 bbl/d to an average of 5.3 million bbl/d. Contributing to the increase in output are the Gulf of Mexico Thunder Horse platform, which is

expected to come on stream later this year, and the Tahiti platform, expected to come on stream late in 2009.

Prices. As a result of world-wide economic stagnation, oil markets are expected to remain weak throughout the forecast. WTI prices are projected to average $101 per barrel in 2008. Under the current economic assumptions and assuming no major crude oil supply disruptions, WTI prices are expected to average $63.50 per barrel in 2009 (Crude Oil Prices). This is down from $112 per barrel average projected for 2009 in last month's *Outlook*. Further deterioration in actual or expected global economic growth as a fallout of the current financial crisis may lead to even lower oil prices.

Regular grade gasoline prices averaged $2.22 per gallon on November 10, down substantially from their July 14 peak of $4.11 per gallon. They are projected to average $2.37 per gallon in 2009, almost $1.20 per gallon below that projected in the previous *Outlook*. Because of the continued weakness in motor gasoline consumption, the difference between the price of gasoline and the cost of crude is expected to remain low throughout the forecast.

Residential heating oil retail prices this winter are projected to average $2.75 per gallon, a decrease of 56 cents from last winter's average. On-highway diesel fuel retail prices are projected to average $2.73 per gallon in 2009, down $1.08 from the 2008 average, compared with a 90-cent-per-gallon decline in the price of WTI crude oil. This narrowing of margins reflects a projected slowing of the growth in distillate fuel usage outside the United States and a weakening of refining margins during the economic slowdown.

Spot propane prices are strongly influenced by both crude oil and natural gas prices. Residential retail propane prices are projected to average $2.22 this winter (down from $2.68 in the previous *Outlook*), a decrease of about 10 percent from the 2007-2008 winter heating season. However, with current low inventories, propane markets are likely to remain relatively tight this winter, with the potential for upward pressure on residential propane prices if colder-than-expected weather occurs.

Natural Gas

Consumption. Total natural gas consumption is expected to increase by 1.1 percent in 2008 and fall by 0.2 percent in 2009 (Total U.S. Natural Gas Consumption Growth). Consumption in 2008 is projected to be higher in every sector except for electric power, led by 4.1- and 3.2-percent growth in the residential and commercial sectors, respectively. While very slight growth is expected in the residential and commercial sectors in 2009, the contracting economy is expected to cause a 2.2-percent decline in

industrial sector consumption next year. The weakness in global economic growth could limit U.S. exports of natural-gas-intensive products and further reduce natural gas consumption by industrial consumers.

Production and Imports. Total U.S. marketed natural gas production is expected to increase by 6 percent in 2008 and by 2 percent in 2009. Production activity from unconventional fields in the States of Texas, Wyoming, and Oklahoma is expected to increase supply from the Lower-48 non-GOM by almost 10 percent this year. While continued onshore production growth is expected in 2009, lower average prices and poor economic conditions are expected to limit the expansion of supplies to 1.9 percent. For 2008, Federal GOM production is now expected to decline by 14.8 percent as repairs to supply infrastructure continue, while 2009 growth of 2.7 percent reflects the expectation of further recovery and less shut-in production during the 2009 hurricane season.

Strong global demand, supply constraints, and lower relative U.S. natural gas prices have all contributed to the decline in U.S. imports of liquefied natural gas (LNG), which are expected to fall from 770 billion cubic feet (Bcf) in 2007 to 350 Bcf in 2008, a reduction of 55 percent. LNG imports are expected to total about 410 Bcf in 2009. The limited natural gas storage facilities in LNG-consuming nations outside of the United States could lead to higher U.S. LNG import growth in 2009, particular during the storage injection season (April to September) as more global LNG capacity is brought online.

Inventories. On October 31, 2008, working natural gas in storage was 3,405 Bcf (U.S. Working Natural Gas in Storage). Current inventories are now 78 Bcf above the 5-year average (2003–2007) and 130 Bcf below the level during the corresponding week last year.

Prices. The Henry Hub spot price averaged $6.94 per Mcf in October, $0.94 per Mcf below the average spot price in September. The slowing economy, continued growth in domestic natural gas production, and the significant decline in oil prices have led to a dramatic shift in expectations for natural gas prices over the forecast. Still, household heating expenditures this winter are expected to be slightly higher than last year due to the pass-through of some higher-priced natural gas that was put in storage earlier in the year to meet winter demand. Beyond the winter, the weak economy and continued growth in onshore natural gas production are expected to keep prices relatively low. On an annual basis, the Henry Hub spot price, which averaged $7.17 per Mcf in 2007, is expected to average $9.25 per Mcf in 2008 and $6.82 per Mcf in 2009, $1.35 per Mcf lower than the forecast 2009 price in last month's *Outlook*.

Electricity

Consumption. The latter half of this summer was much cooler than the same period last year (U.S. Summer Cooling Degree-Days), especially in the upper Midwest and Northeast regions. As a result, residential electricity consumption is expected to fall 0.5 percent this year. The economic slowdown will impact consumption in all sectors during 2009, particularly the industrial sector, which is now expected to decline by 2.5 percent next year in contrast to the 0.2-percent decline projected in last month's *Outlook* (U.S. Total Electricity Consumption).

Prices. The recent drop in power generation fuel costs has caused some utilities to reconsider the steep price increases announced this past summer. However, fuel costs still remain high, and it is unlikely that electricity rates for most customers will fall significantly in the near term. U.S. residential electricity prices are expected to increase by about 6.5 percent in both 2008 and 2009 (U.S. Residential Electricity Prices).

Coal

Consumption. Although electric-power-sector coal consumption for the first half of 2008 grew by 1.3 percent, slow growth in summer electricity consumption is expected to keep annual growth flat in 2008. In 2009, weak economic growth, which will constrain growth in electricity consumption, coupled with projected increases from other generation sources (nuclear, natural gas, petroleum, and wind), will lead to a 0.4-percent decline in electric-power-sector coal consumption (U.S. Coal Consumption Growth).

Production. Growth in both domestic consumption and exports is expected to contribute to a 2.1-percent increase in coal production in 2008. Production is expected to decline by only 0.5 percent in 2009 as lower domestic consumption is nearly offset by continued export growth (U.S. Annual Coal Production).

Exports. In the first half of 2008, U.S. coal exports increased by 13 million short tons, or 50 percent, over first-half 2007 shipments. Strong global demand for coal, combined with supply disruptions in several key coal-exporting countries (Australia, South Africa, and China), were the primary factors behind the increase in U.S. coal exports. Although the supply disruptions have ended, continued robust worldwide demand for coal is projected to lead to an overall 40-percent increase in U.S. coal exports in 2008. Coal exports are projected to be 86.5 million short tons, a 5.5-percent increase, in 2009.

Table WF01. Selected U.S. Average Consumer Prices* and Expenditures for Heating Fuels During the Winter

Energy Information Administration/Short-Term Energy Outlook -- November 2008

Fuel / Region	Winter of							Forecast	
	02-03	03-04	04-05	05-06	06-07	Avg.02-07	07-08	08-09	% Change
Natural Gas									
Northeast									
Consumption (mcf**)	84.3	80.0	79.8	73.9	74.7	78.5	75.2	79.5	5.8
Price ($/mcf)	9.99	11.77	12.64	16.40	14.69	12.99	15.14	15.45	2.0
Expenditures ($)	842	941	1,009	1,211	1,098	1,020	1,138	1,229	7.9
Midwest									
Consumption (mcf)	92.1	85.5	85.2	82.2	84.8	85.9	88.5	86.5	-2.3
Price ($/mcf)	7.61	8.77	10.04	13.45	11.06	10.12	11.38	11.59	1.8
Expenditures ($)	701	750	855	1,106	938	870	1,008	1,003	-0.5
South									
Consumption (mcf)	60.6	55.6	54.0	53.8	54.8	55.8	53.5	57.2	7.0
Price ($/mcf)	9.03	10.67	12.17	16.46	13.59	12.30	14.27	14.50	1.6
Expenditures ($)	547	594	658	886	745	686	764	830	8.6
West									
Consumption (mcf)	44.7	45.7	46.7	46.7	47.2	46.2	49.3	48.3	-2.0
Price ($/mcf)	7.55	8.84	10.18	12.96	11.20	10.17	11.30	11.65	3.1
Expenditures ($)	338	404	475	605	528	470	557	563	1.0
U.S. Average									
Consumption (mcf)	71.1	67.1	66.8	64.7	66.0	67.1	67.4	68.2	1.2
Price ($/mcf)	8.42	9.81	11.04	14.58	12.35	11.18	12.72	13.02	2.4
Expenditures ($)	599	659	738	943	815	751	858	889	3.6
Households (thousands)	54,942	55,811	56,167	56,587	57,223	56,146	57,804	58,309	0.9
Heating Oil									
Northeast									
Consumption (gallons)	671.5	636.9	637.0	589.6	596.0	626.2	603.1	634.6	5.2
Price ($/gallon)	1.42	1.46	1.93	2.45	2.51	1.93	3.31	2.74	-17.2
Expenditures ($)	956	930	1,230	1,446	1,494	1,211	1,998	1,741	-12.9
Midwest									
Consumption (gallons)	531.6	488.9	486.0	466.9	483.7	491.4	508.8	495.3	-2.6
Price ($/gallon)	1.35	1.34	1.84	2.37	2.39	1.84	3.32	2.75	-17.4
Expenditures ($)	718	654	893	1,108	1,158	906	1,691	1,360	-19.6
South									
Consumption (gallons)	418.8	394.1	378.0	372.3	363.2	385.3	356.5	393.5	10.4
Price ($/gallon)	1.41	1.45	1.94	2.46	2.38	1.91	3.34	2.79	-16.4
Expenditures ($)	590	572	734	915	863	735	1,190	1,098	-7.8
West									
Consumption (gallons)	311.6	325.0	331.6	328.0	327.2	324.7	348.2	331.7	-4.7
Price ($/gallon)	1.39	1.46	1.99	2.49	2.57	1.99	3.36	2.82	-16.1
Expenditures ($)	432	473	659	818	842	645	1,170	935	-20.1
U.S. Average									
Consumption (gallons)	644.9	612.5	610.2	574.9	580.9	604.7	589.4	615.8	4.5
Price ($/gallon)	1.41	1.45	1.93	2.45	2.49	1.93	3.31	2.75	-17.0
Expenditures ($)	912	886	1,176	1,409	1,445	1,166	1,953	1,694	-13.3
Households (thousands)	9,491	9,336	9,064	8,741	8,542	9,035	8,356	8,115	-2.9

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Fuel / Region	**02-03**	**03-04**	**04-05**	**05-06**	**06-07**	**Avg.02-07**	**07-08**	**08-09**	**% Change**
Propane									
Northeast									
Consumption (gallons)	**915.8**	**871.2**	**870.0**	**808.3**	**816.7**	**856.4**	**823.8**	866.0	5.1
Price ($/gallon)	**1.55**	**1.65**	**1.88**	**2.20**	**2.29**	**1.90**	**2.78**	2.46	-11.4
Expenditures ($)	**1,416**	**1,435**	**1,633**	**1,775**	**1,872**	**1,626**	**2,287**	2,130	-6.9
Midwest									
Consumption (gallons)	**860.8**	**800.5**	**793.2**	**766.9**	**792.7**	**802.8**	**833.3**	811.0	-2.7
Price ($/gallon)	**1.07**	**1.20**	**1.42**	**1.67**	**1.74**	**1.41**	**2.12**	1.93	-9.0
Expenditures ($)	**922**	**960**	**1,130**	**1,278**	**1,382**	**1,135**	**1,770**	1,568	-11.4
South									
Consumption (gallons)	**577.0**	**532.5**	**515.1**	**514.2**	**519.7**	**531.7**	**508.3**	544.7	7.2
Price ($/gallon)	**1.45**	**1.57**	**1.79**	**2.11**	**2.16**	**1.81**	**2.66**	2.38	-10.6
Expenditures ($)	**838**	**838**	**921**	**1,087**	**1,123**	**961**	**1,350**	1,294	-4.2
West									
Consumption (gallons)	**559.7**	**567.5**	**581.6**	**581.7**	**588.5**	**575.8**	**615.2**	603.9	-1.8
Price ($/gallon)	**1.38**	**1.53**	**1.78**	**2.09**	**2.17**	**1.80**	**2.64**	2.42	-8.6
Expenditures ($)	**774**	**871**	**1,037**	**1,214**	**1,275**	**1,034**	**1,627**	1,460	-10.3
U.S. Average									
Consumption (gallons)	**713.3**	**672.5**	**668.3**	**655.4**	**669.0**	**675.7**	**685.3**	696.4	1.6
Price ($/gallon)	**1.29**	**1.42**	**1.65**	**1.95**	**2.01**	**1.66**	**2.45**	2.22	-9.6
Expenditures ($)	**918**	**953**	**1,103**	**1,277**	**1,347**	**1,120**	**1,681**	1,544	-8.1
Households (thousands)	**6,848**	**6,818**	**6,782**	**6,565**	**6,539**	**6,710**	**6,539**	6,464	-1.1
Electricity									
Northeast									
Consumption (kwh*)**	**10,417**	**10,013**	**10,019**	**9,497**	**9,570**	**9,903**	**9,614**	10,011	4.1
Price ($/kwh)	**0.109**	**0.114**	**0.117**	**0.133**	**0.139**	**0.122**	**0.144**	0.156	8.0
Expenditures ($)	**1,136**	**1,140**	**1,173**	**1,260**	**1,329**	**1,208**	**1,389**	1,562	12.5
Midwest									
Consumption (kwh)	**11,469**	**10,922**	**10,857**	**10,635**	**10,883**	**10,953**	**11,272**	11,069	-1.8
Price ($/kwh)	**0.074**	**0.075**	**0.077**	**0.081**	**0.085**	**0.078**	**0.089**	0.096	7.3
Expenditures ($)	**846**	**823**	**834**	**857**	**926**	**857**	**1,005**	1,058	5.3
South									
Consumption (kwh)	**8,763**	**8,402**	**8,266**	**8,255**	**8,299**	**8,397**	**8,206**	8,499	3.6
Price ($/kwh)	**0.074**	**0.078**	**0.082**	**0.092**	**0.096**	**0.084**	**0.098**	0.107	8.4
Expenditures ($)	**646**	**652**	**674**	**762**	**797**	**706**	**808**	908	12.3
West									
Consumption (kwh)	**6,968**	**7,091**	**7,188**	**7,185**	**7,199**	**7,126**	**7,423**	7,293	-1.8
Price ($/kwh)	**0.091**	**0.091**	**0.092**	**0.097**	**0.102**	**0.095**	**0.104**	0.110	5.4
Expenditures ($)	**635**	**642**	**661**	**695**	**735**	**674**	**776**	803	3.5
U.S. Average									
Consumption (kwh)	**8,592**	**8,307**	**8,246**	**8,156**	**8,215**	**8,303**	**8,262**	8,394	1.6
Price ($/kwh)	**0.082**	**0.085**	**0.088**	**0.096**	**0.101**	**0.090**	**0.104**	0.112	7.8
Expenditures ($)	**702**	**703**	**722**	**787**	**828**	**749**	**861**	943	9.5
Households (thousands)	**34,153**	**34,686**	**35,745**	**36,741**	**37,349**	**35,735**	**38,024**	38,787	2.0
All households (thousands)	**105,434**	**106,650**	**107,758**	**108,634**	**109,654**	**107,626**	**110,723**	111,675	0.9
Average Expenditures ($)	**681**	**712**	**793**	**948**	**900**	**807**	**990**	1,004	1.4

Note: Winter covers the period October 1 through March 31.

Fuel consumption per household is based only on households that use that fuel as the primary space-heating fuel.

Included in fuel consumption is consumption for water heating, appliances, and lighting (electricity).

* Prices include taxes

** thousand cubic feet

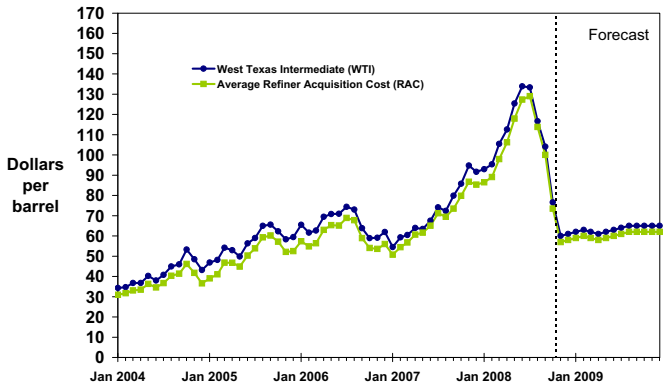
*** kilowatthour

Energy Information Administration
Official Energy Statistics from the U.S. Government

Short-Term Energy Outlook

Chart Gallery for November 2008

Crude Oil Prices



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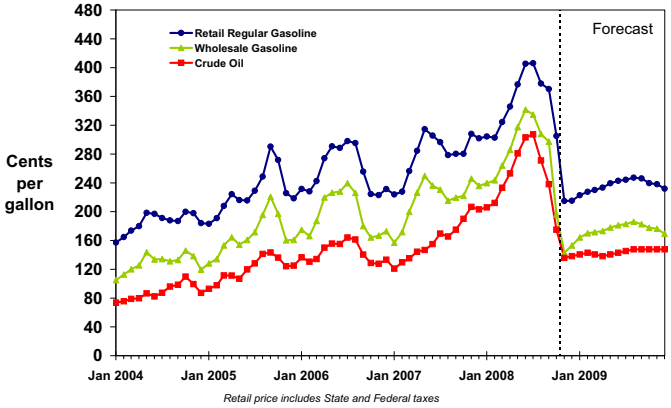
Gasoline and Crude Oil Prices



Retail price includes State and Federal taxes

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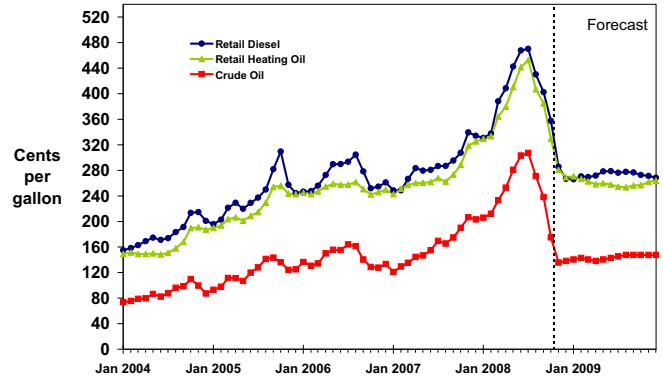
U.S. Distillate Fuel Prices



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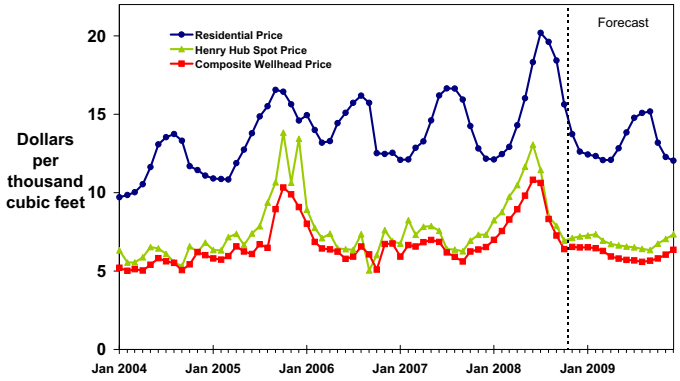
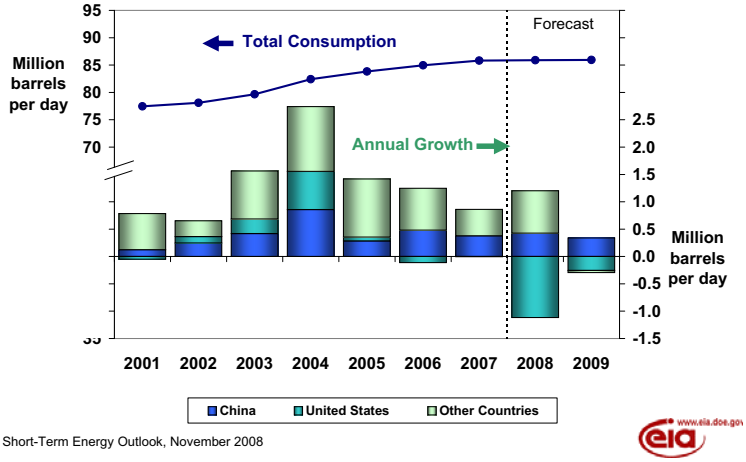
Short-Term Energy Outlook, November 2008

Natural Gas Prices



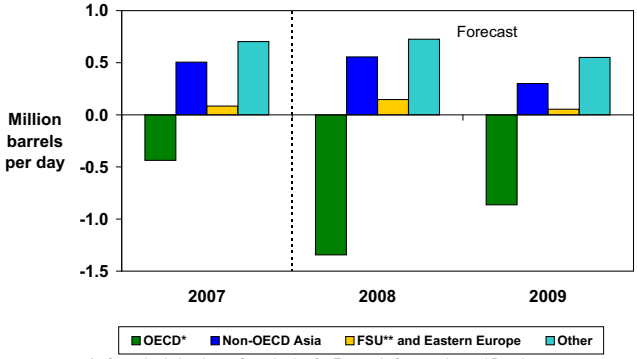
Short-Term Energy Outlook, November 2008

World Oil Consumption



Short-Term Energy Outlook, November 2008

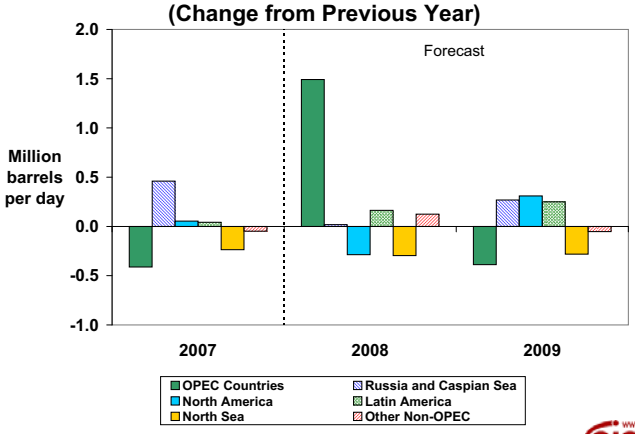
World Oil Consumption Growth
(Change from Previous Year)



* *Countries belonging to Organization for Economic Cooperation and Development*
** *Former Soviet Union*

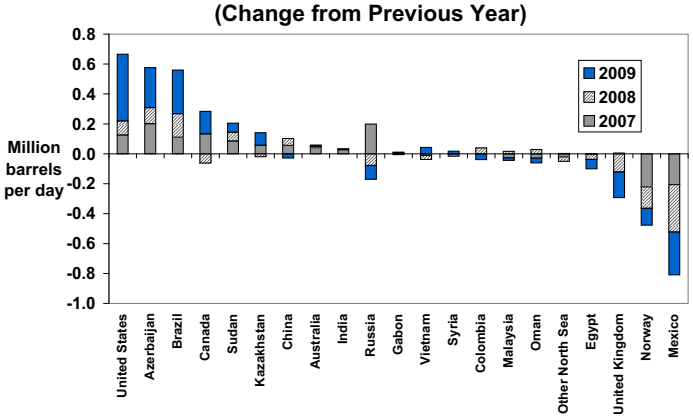
Short-Term Energy Outlook, November 2008

World Oil Production Growth
(Change from Previous Year)



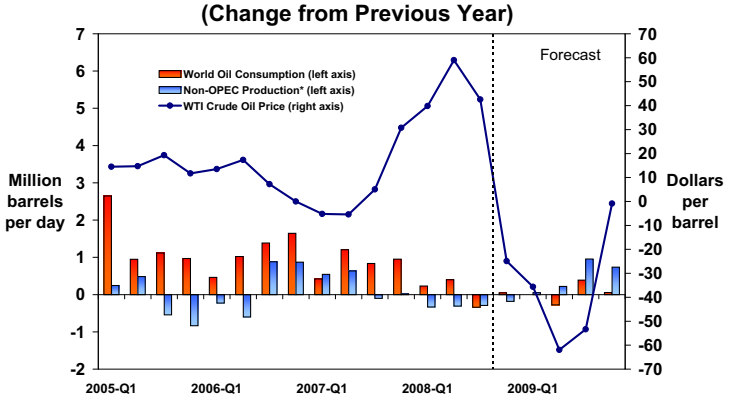
Short-Term Energy Outlook, November 2008

Non-OPEC Oil Production Growth
(Change from Previous Year)



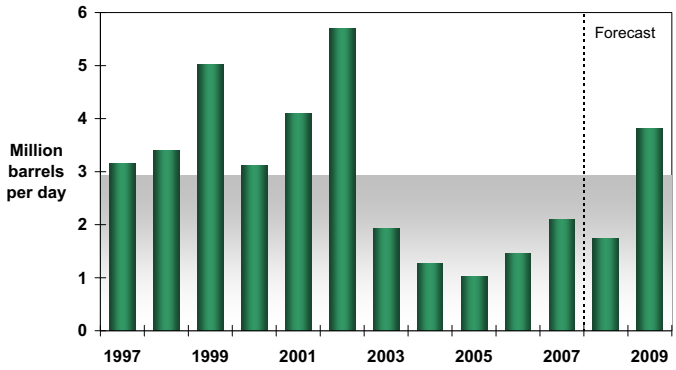
Short-Term Energy Outlook, November 2008

World Consumption and Non-OPEC Production (Change from Previous Year)



Short-Term Energy Outlook, November 2008

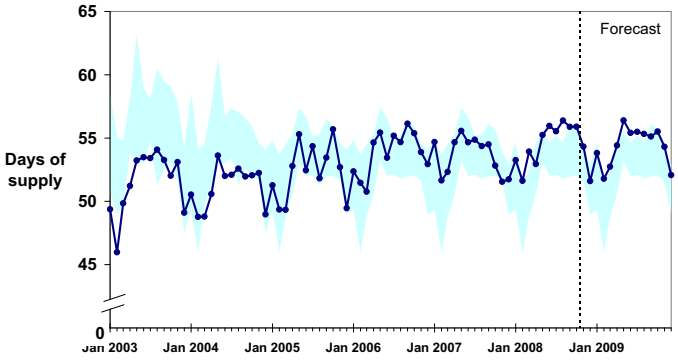
OPEC Surplus Crude Oil Production Capacity



Note: Shaded area represents 1997-2007 average (2.9 million barrels per day)

Short-Term Energy Outlook, November 2008

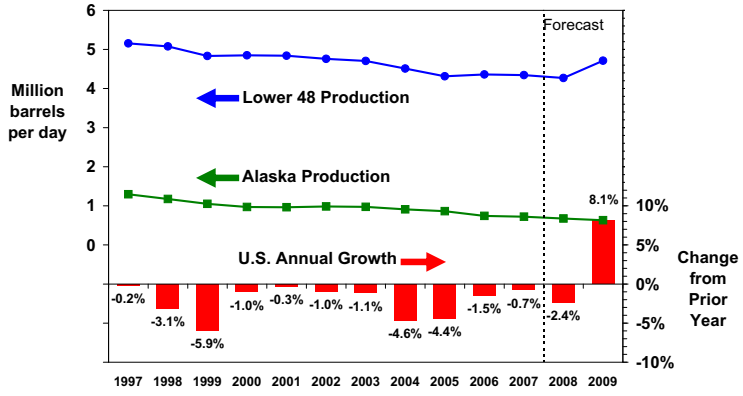
Days of Supply of OECD Commercial Oil Stocks



NOTE: Colored band represents the 5-year minimum/maximum range for each month.

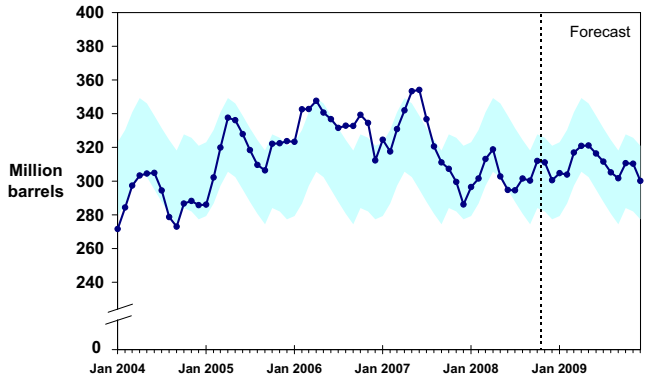
Short-Term Energy Outlook, November 2008

U.S. Crude Oil Production



Short-Term Energy Outlook, November 2008

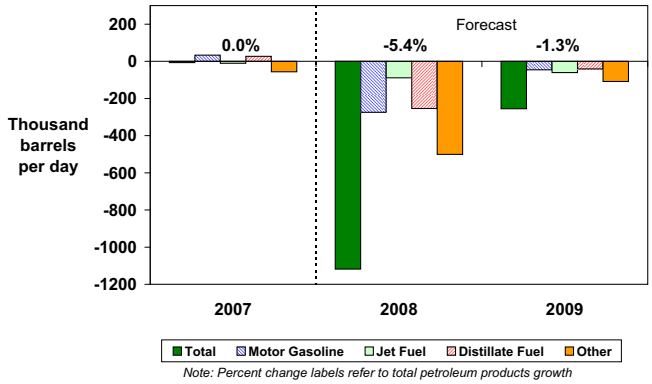
U.S. Crude Oil Stocks



NOTE: Colored band represents "normal" range published in EIA Weekly Petroleum Status Report, Appendix A.

Short-Term Energy Outlook, November 2008

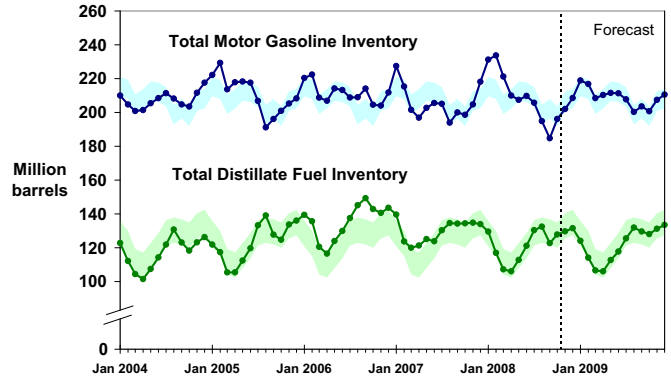
U.S. Petroleum Products Consumption Growth (Change from Previous Year)



Note: Percent change labels refer to total petroleum products growth

Short-Term Energy Outlook, November 2008

U.S. Gasoline and Distillate Inventories



NOTE: Colored bands represent "normal" range published in EIA Weekly Petroleum Status Report, Appendix A.

Short-Term Energy Outlook, November 2008

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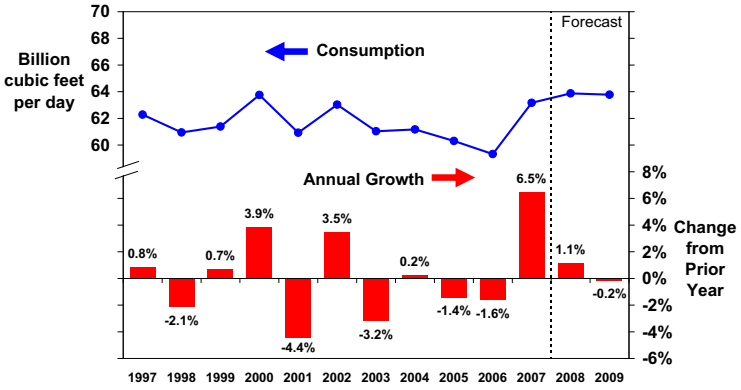
U.S. Total Natural Gas Consumption



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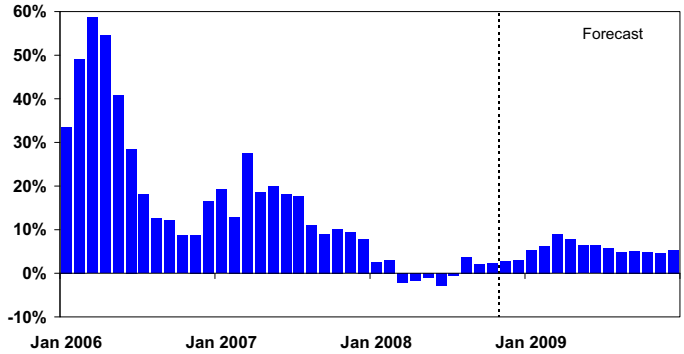
U.S. Working Natural Gas in Storage (Percent Difference from Previous 5-Year Average)



Short-Term Energy Outlook, November 2008

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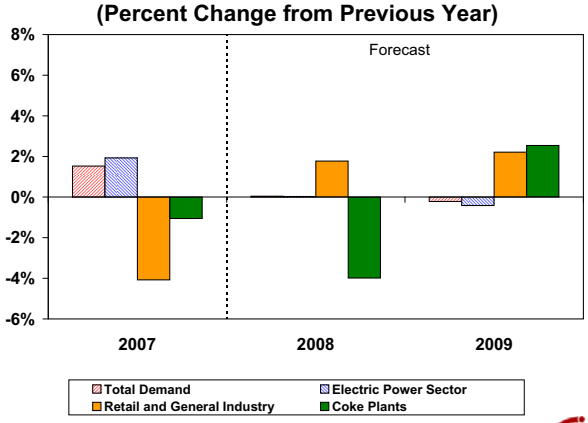
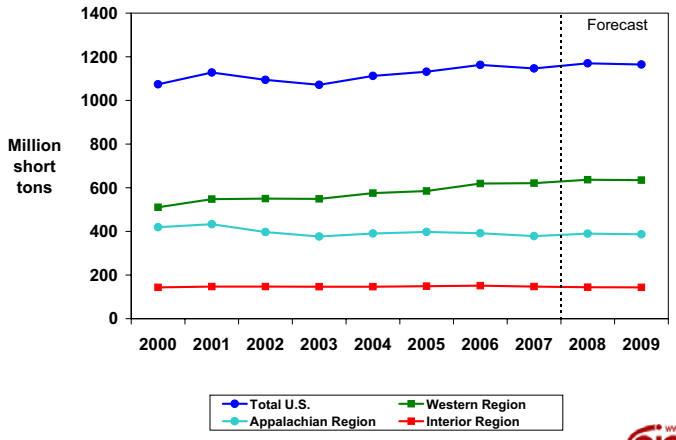
U.S. Coal Consumption Growth
(Percent Change from Previous Year)



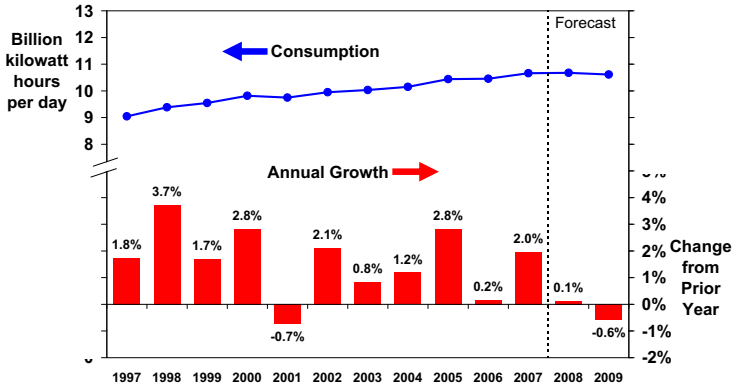
Short-Term Energy Outlook, November 2008

U.S. Annual Coal Production



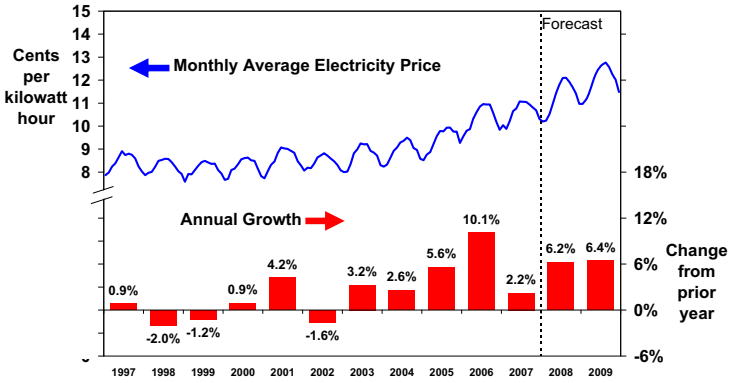
Short-Term Energy Outlook, November 2008

U.S. Total Electricity Consumption



Short-Term Energy Outlook, November 2008

U.S. Residential Electricity Price



Short-Term Energy Outlook, November 2008

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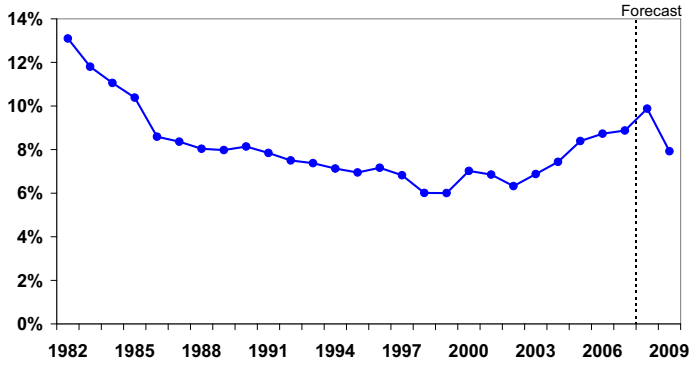
U.S. Annual Energy Expenditures As Percent of Gross Domestic Product



Short-Term Energy Outlook, November 2008

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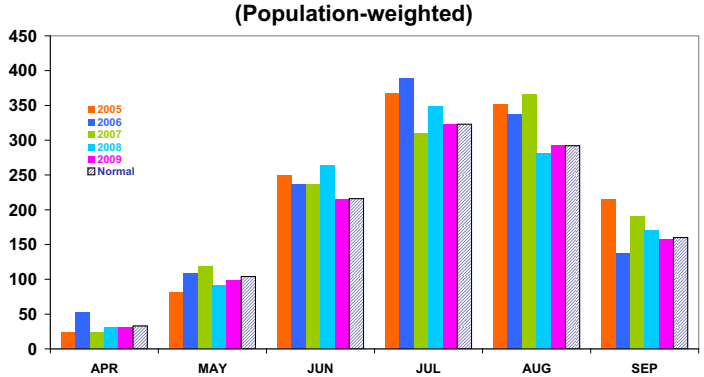
U.S. Summer Cooling Degree-Days (Population-weighted)



Source: National Oceanic and Atmospheric Administration, National Weather Service
http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/cdus/degree_days/

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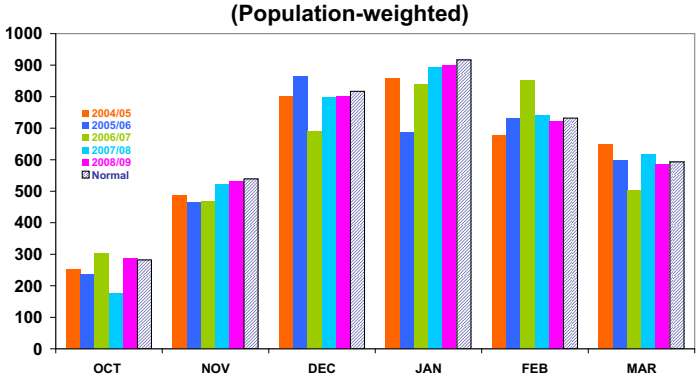
U.S. Winter Heating Degree-Days (Population-weighted)



Source: National Oceanic and Atmospheric Administration, National Weather Service
http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/cdus/degree_days/

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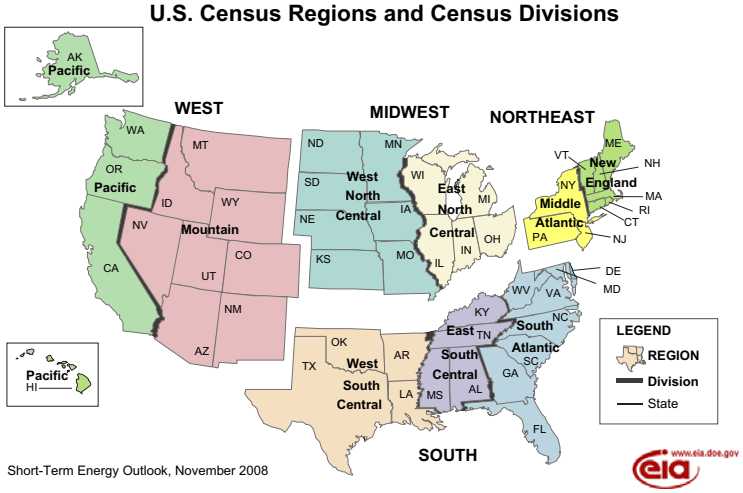
U.S. Census Regions and Census Divisions



Short-Term Energy Outlook, November 2008

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Table 1. U.S. Energy Markets Summary

Energy Information Administration/Short-Term Energy Outlook - November 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Energy Supply															
Crude Oil Production (a)															
(million barrels per day)	**5.12**	**5.16**	**4.94**	**5.04**	**5.12**	**5.15**	**4.69**	*4.82*	*5.23*	*5.28*	*5.31*	*5.55*	**5.06**	*4.94*	*5.34*
Dry Natural Gas Production															
(billion cubic feet per day)	**51.47**	**52.28**	**53.06**	**54.41**	**55.83**	**56.36**	**55.76**	*56.22*	*58.02*	*57.77*	*56.61*	*56.35*	**52.82**	*56.04*	*57.18*
Coal Production															
(million short tons)	**286**	**286**	**286**	**289**	**289**	**284**	**297**	*300*	*285*	*281*	*289*	*310*	**1,147**	*1,170*	*1,165*
Energy Consumption															
Petroleum															
(million barrels per day)	**20.79**	**20.63**	**20.73**	**20.58**	**19.88**	**19.68**	**19.09**	*19.60*	*19.43*	*19.15*	*19.28*	*19.36*	**20.68**	*19.56*	*19.31*
Natural Gas															
(billion cubic feet per day)	**79.14**	**53.81**	**56.33**	**63.61**	**82.03**	**54.98**	**53.87**	*64.74*	*80.98*	*55.57*	*55.41*	*63.42*	**63.16**	*63.88*	*63.78*
Coal (b)															
(million short tons)	**279**	**268**	**304**	**279**	**283**	**268**	**299**	*279*	*280*	*263*	*302*	*282*	**1,129**	*1,130*	*1,127*
Electricity															
(billion kilowatt hours per day)	**10.45**	**10.12**	**11.92**	**10.14**	**10.60**	**10.25**	**11.75**	*10.09*	*10.41*	*10.11*	*11.87*	*10.06*	**10.66**	*10.67*	*10.61*
Renewables (c)															
(quadrillion Btu)	**1.74**	**1.76**	**1.66**	**1.67**	**1.74**	**1.93**	**1.77**	*1.73*	*1.85*	*1.98*	*1.87*	*1.78*	**6.84**	*7.16*	*7.48*
Total Energy Consumption (d)															
(quadrillion Btu)	**26.79**	**24.30**	**25.60**	**25.52**	**26.87**	**24.12**	**25.52**	*25.26*	*26.43*	*23.90*	*24.93*	*25.04*	**102.20**	*101.77*	*100.29*
Nominal Energy Prices															
Crude Oil (e)															
(dollars per barrel)	**53.95**	**62.44**	**71.34**	**83.96**	**91.15**	**117.30**	**115.26**	*62.85*	*59.31*	*59.00*	*61.66*	*62.00*	**68.09**	*96.74*	*60.50*
Natural Gas Wellhead															
(dollars per thousand cubic feet)	**6.37**	**6.89**	**5.90**	**6.39**	**7.62**	**9.86**	**8.80**	*6.48*	*6.42*	*5.81*	*5.64*	*6.07*	**6.39**	*8.19*	*5.98*
Coal															
(dollars per million Btu)	**1.76**	**1.78**	**1.78**	**1.79**	**1.91**	**2.04**	**2.07**	*1.97*	*1.99*	*2.01*	*1.98*	*1.96*	**1.78**	*2.00*	*1.98*
Macroeconomic															
Real Gross Domestic Product															
(billion chained 2000 dollars - SAAR)	**11,358**	**11,491**	**11,626**	**11,621**	**11,646**	**11,727**	**11,720**	*11,613*	*11,531*	*11,506*	*11,505*	*11,529*	**11,524**	*11,677*	*11,518*
Percent change from prior year	**1.3**	**1.8**	**2.8**	**2.3**	**2.5**	**2.1**	**0.8**	*-0.1*	*-1.0*	*-1.9*	*-1.8*	*-0.7*	**2.0**	*1.3*	*-1.4*
GDP Implicit Price Deflator															
(Index, 2000=100)	**118.9**	**119.5**	**120.0**	**120.8**	**121.6**	**122.0**	**123.2**	*124.0*	*124.8*	*124.5*	*124.8*	*125.5*	**119.8**	*122.7*	*124.9*
Percent change from prior year	**2.9**	**2.8**	**2.5**	**2.6**	**2.3**	**2.0**	**2.7**	*2.7*	*2.6*	*2.1*	*1.3*	*1.2*	**2.7**	*2.4*	*1.8*
Real Disposable Personal Income															
(billion chained 2000 dollars - SAAR)	**8,618**	**8,605**	**8,671**	**8,683**	**8,668**	**8,915**	**8,715**	*8,793*	*9,083*	*8,950*	*8,962*	*8,952*	**8,644**	*8,773*	*8,987*
Percent change from prior year	**3.4**	**2.9**	**3.1**	**1.8**	**0.6**	**3.6**	**0.5**	*1.3*	*4.8*	*0.4*	*2.8*	*1.8*	**2.8**	*1.5*	*2.4*
Manufacturing Production Index															
(Index, 2002=100)	**112.6**	**113.9**	**115.1**	**115.0**	**114.8**	**113.8**	**112.1**	*110.0*	*107.7*	*106.4*	*105.9*	*105.8*	**114.2**	*112.6*	*106.4*
Percent change from prior year	**0.9**	**1.7**	**2.2**	**2.5**	**2.0**	**-0.1**	**-2.6**	*-4.4*	*-6.2*	*-6.5*	*-5.5*	*-3.8*	**1.8**	*-1.3*	*-5.5*
Weather															
U.S. Heating Degree-Days	**2,196**	**508**	**57**	**1,495**	**2,251**	**528**	**77**	*1,618*	*2,208*	*539*	*100*	*1,630*	**4,256**	*4,474*	*4,477*
U.S. Cooling Degree-Days	**43**	**378**	**867**	**110**	**35**	**385**	**799**	*73*	*35*	*344*	*773*	*77*	**1,399**	*1,292*	*1,229*

- = no data available

(a) Includes lease condensate.

(b) Total consumption includes Independent Power Producer (IPP) consumption.

(c) Renewable energy includes minor components of non-marketed renewable energy that is neither bought nor sold, either directly or indirectly, as inputs to marketed energy. EIA does not estimate or project end-use consumption of non-marketed renewable energy.

(d) The conversion from physical units to Btu is calculated using a subset of conversion factors used in the calculations of gross energy consumption in EIA's Monthly Energy Review (MER). Consequently, the historical data may not precisely match those published in the MER or the Annual Energy Review (AER).

(e) Refers to the refiner average acquisition cost (RAC) of crude oil.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports *Petroleum Supply Monthly*, DOE/EIA-0109; *Petroleum Supply Annual*, DOE/EIA-0340/2; *Weekly Petroleum Status Report*, DOE/EIA-0208; *Petroleum Marketing Monthly*, DOE/EIA-0380; *Natural Gas Monthly*, DOE/EIA-0130; *Electric Power Monthly*, DOE/EIA-0226; *Quarterly Coal Report*, DOE/EIA-0121; and *International Petroleum Monthly*, DOE/EIA-0520.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model. Macroeconomic projections are based on Global Insight Model of the U.S. Economy. Weather projections from National Oceanic and Atmospheric Administration.

Table 2. U.S. Energy Nominal Prices

Energy Information Administration/Short-Term Energy Outlook - November 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Crude Oil (dollars per barrel)															
West Texas Intermediate Spot Average	**58.08**	**64.97**	**75.46**	**90.75**	**97.94**	**123.95**	**118.05**	*65.87*	*62.33*	*62.00*	*64.67*	*65.00*	**72.32**	*101.45*	*63.50*
Imported Average	**53.13**	**62.30**	**70.38**	**82.44**	**89.73**	**116.03**	**113.58**	*62.13*	*58.30*	*58.00*	*60.66*	*61.00*	**67.13**	*95.28*	*59.47*
Refiner Average Acquisition Cost	**53.95**	**62.44**	**71.34**	**83.96**	**91.15**	**117.30**	**115.26**	*62.85*	*59.31*	*59.00*	*61.66*	*62.00*	**68.09**	*96.74*	*60.50*
Petroleum Products (cents per gallon)															
Refiner Prices for Resale															
Gasoline	**176**	**238**	**222**	**234**	**249**	**315**	**314**	*164*	*169*	*177*	*184*	*174*	**218**	*261*	*176*
Diesel Fuel	**184**	**212**	**224**	**257**	**284**	**365**	**342**	*201*	*197*	*208*	*209*	*202*	**220**	*301*	*204*
Heating Oil	**171**	**196**	**208**	**250**	**269**	**347**	**334**	*196*	*190*	*195*	*196*	*194*	**207**	*276*	*193*
Refiner Prices to End Users															
Jet Fuel	**181**	**209**	**220**	**258**	**284**	**364**	**354**	*204*	*199*	*207*	*209*	*203*	**217**	*303*	*204*
No. 6 Residual Fuel Oil (a)	**111**	**129**	**144**	**174**	**187**	**218**	**261**	*143*	*130*	*126*	*130*	*138*	**139**	*202*	*131*
Propane to Petrochemical Sector	**95**	**111**	**119**	**145**	**145**	**166**	**169**	*96*	*92*	*88*	*86*	*94*	**117**	*141*	*90*
Retail Prices Including Taxes															
Gasoline Regular Grade (b)	**236**	**302**	**285**	**297**	**311**	**376**	**385**	*245*	*227*	*239*	*246*	*236*	**281**	*329*	*237*
Gasoline All Grades (b)	**241**	**306**	**290**	**302**	**316**	**381**	**390**	*251*	*232*	*243*	*251*	*241*	**285**	*335*	*242*
On-highway Diesel Fuel	**255**	**281**	**290**	**327**	**353**	**439**	**435**	*304*	*269*	*276*	*277*	*271*	**288**	*381*	*273*
Heating Oil	**250**	**261**	**268**	**316**	**340**	**401**	**406**	*287*	*267*	*259*	*255*	*262*	**272**	*336*	*263*
Propane	**203**	**211**	**205**	**238**	**250**	**265**	**272**	*233*	*214*	*193*	*178*	*193*	**215**	*249*	*199*
Natural Gas (dollars per thousand cubic feetf)															
Average Wellhead	**6.37**	**6.89**	**5.90**	**6.39**	**7.62**	**9.86**	**8.80**	*6.48*	*6.42*	*5.81*	*5.64*	*6.07*	**6.39**	*8.19*	*5.98*
Henry Hub Spot	**7.41**	**7.76**	**6.35**	**7.19**	**8.92**	**11.73**	**9.29**	*7.09*	*7.18*	*6.64*	*6.42*	*7.05*	**7.17**	*9.25*	*6.82*
End-Use Prices															
Industrial Sector	**7.97**	**8.08**	**6.75**	**7.51**	**8.90**	**11.10**	**10.70**	*8.22*	*8.03*	*7.08*	*6.86*	*7.53*	**7.59**	*9.64*	*7.40*
Commercial Sector	**11.37**	**11.59**	**11.23**	**10.99**	**11.37**	**13.13**	**14.15**	*11.86*	*11.35*	*10.46*	*10.37*	*10.69*	**11.31**	*12.13*	*10.90*
Residential Sector	**12.31**	**14.18**	**16.41**	**12.65**	**12.46**	**15.57**	**19.40**	*13.47*	*12.30*	*12.64*	*15.01*	*12.30*	**13.00**	*13.74*	*12.55*
Electricity															
Power Generation Fuel Costs (dollars per million Btu)															
Coal	**1.76**	**1.78**	**1.78**	**1.79**	**1.91**	**2.04**	**2.07**	*1.97*	*1.99*	*2.01*	*1.98*	*1.96*	**1.78**	*2.00*	*1.98*
Natural Gas	**7.35**	**7.62**	**6.55**	**7.18**	**8.67**	**11.12**	**10.07**	*7.45*	*7.15*	*6.56*	*6.27*	*6.79*	**7.09**	*9.44*	*6.62*
Residual Fuel Oil (c)	**7.18**	**8.36**	**8.53**	**10.71**	**13.34**	**15.07**	**16.89**	*9.85*	*8.33*	*8.10*	*8.28*	*8.78*	**8.40**	*13.89*	*8.34*
Distillate Fuel Oil	**12.44**	**14.48**	**14.75**	**18.96**	**18.89**	**24.18**	**24.68**	*14.85*	*13.62*	*13.95*	*13.97*	*13.91*	**15.17**	*20.64*	*13.87*
End-Use Prices (cents per kilowatthour)															
Industrial Sector	**6.1**	**6.3**	**6.7**	**6.3**	**6.4**	**7.0**	**7.5**	*6.7*	*6.6*	*6.9*	*7.1*	*6.5*	**6.4**	*6.9*	*6.8*
Commercial Sector	**9.3**	**9.7**	**10.0**	**9.6**	**9.6**	**10.3**	**11.0**	*10.3*	*10.4*	*11.0*	*11.5*	*11.0*	**9.7**	*10.3*	*11.0*
Residential Sector	**10.0**	**10.9**	**11.0**	**10.6**	**10.3**	**11.4**	**12.0**	*11.3*	*11.2*	*12.3*	*12.7*	*11.9*	**10.6**	*11.3*	*12.0*

- = no data available

(a) Average for all sulfur contents.

(b) Average self-service cash price.

(c) Includes fuel oils No. 4, No. 5, No. 6, and topped crude.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Prices exclude taxes unless otherwise noted

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Petroleum Marketing Monthly* , DOE/EIA-0380; *Weekly Petroleum Status Report* , DOE/EIA-0208; *Natural Gas Monthly* , DOE/EIA-0130; *Electric Power Monthly* , DOE/EIA-0226; and *Monthly Energy Review* , DOE/EIA-0035.

Natural gas Henry Hub spot price from NGI's *Daily Gas Price Index* (http://Intelligencepress.com); WTI crude oil price from Reuter's News Service (http://www.reuters.com).

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 3a. International Petroleum Supply, Consumption, and Inventories
Energy Information Administration/Short-Term Energy Outlook - November 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Supply (million barrels per day) (a)															
OECD (b)	**21.72**	**21.51**	**21.15**	**21.45**	**21.27**	**21.15**	**20.51**	*20.75*	*20.95*	*20.84*	*20.71*	*21.12*	**21.46**	*20.92*	*20.90*
U.S. (50 States)	**8.38**	**8.50**	**8.36**	**8.58**	**8.62**	**8.77**	**8.32**	*8.49*	*8.86*	*8.93*	*8.97*	*9.22*	**8.46**	*8.55*	*9.00*
Canada	**3.45**	**3.37**	**3.48**	**3.39**	**3.35**	**3.26**	**3.41**	*3.41*	*3.45*	*3.48*	*3.52*	*3.57*	**3.42**	*3.36*	*3.51*
Mexico	**3.59**	**3.61**	**3.46**	**3.35**	**3.30**	**3.20**	**3.14**	*3.09*	*2.92*	*2.94*	*2.89*	*2.84*	**3.50**	*3.18*	*2.90*
North Sea (c)	**4.81**	**4.50**	**4.29**	**4.58**	**4.47**	**4.33**	**4.04**	*4.16*	*4.15*	*3.95*	*3.80*	*3.97*	**4.54**	*4.25*	*3.97*
Other OECD	**1.49**	**1.54**	**1.55**	**1.56**	**1.53**	**1.58**	**1.61**	*1.60*	*1.56*	*1.54*	*1.54*	*1.51*	**1.53**	*1.58*	*1.54*
Non-OECD	**62.21**	**62.66**	**63.08**	**63.82**	**64.04**	**64.57**	**65.38**	*64.81*	*63.91*	*64.44*	*65.43*	*65.47*	**62.95**	*64.70*	*64.82*
OPEC (d)	**34.98**	**35.07**	**35.44**	**36.18**	**36.69**	**36.92**	**37.39**	*36.64*	*36.19*	*36.27*	*36.69*	*36.93*	**35.42**	*36.91*	*36.52*
Crude Oil Portion	**30.44**	**30.58**	**30.93**	**31.65**	**32.10**	**32.31**	**32.68**	*31.93*	*31.26*	*31.04*	*31.16*	*31.08*	**30.90**	*32.25*	*31.13*
Other Liquids	**4.55**	**4.49**	**4.51**	**4.53**	**4.59**	**4.61**	**4.71**	*4.72*	*4.93*	*5.23*	*5.53*	*5.85*	**4.52**	*4.66*	*5.39*
Former Soviet Union (e)	**12.61**	**12.60**	**12.55**	**12.66**	**12.60**	**12.60**	**12.43**	*12.79*	*12.79*	*12.81*	*12.88*	*12.96*	**12.60**	*12.60*	*12.86*
China	**3.92**	**3.96**	**3.87**	**3.86**	**3.93**	**3.99**	**3.95**	*3.92*	*3.90*	*3.92*	*3.92*	*3.93*	**3.90**	*3.95*	*3.92*
Other Non-OECD	**10.70**	**11.04**	**11.21**	**11.13**	**10.83**	**11.06**	**11.60**	*11.46*	*11.04*	*11.44*	*11.94*	*11.65*	**11.02**	*11.24*	*11.52*
Total World Production	**83.93**	**84.17**	**84.23**	**85.28**	**85.31**	**85.71**	**85.89**	*85.56*	*84.86*	*85.29*	*86.14*	*86.58*	**84.40**	*85.62*	*85.72*
Non-OPEC Production	**48.95**	**49.10**	**48.79**	**49.10**	**48.62**	**48.79**	**48.50**	*48.92*	*48.67*	*49.01*	*49.45*	*49.65*	**48.98**	*48.71*	*49.20*
Consumption (million barrels per day) (f)															
OECD (b)	**49.74**	**48.20**	**48.84**	**49.78**	**48.67**	**47.09**	**46.99**	*48.43*	*47.84*	*45.80*	*46.47*	*47.62*	**49.14**	*47.79*	*46.93*
U.S. (50 States)	**20.79**	**20.63**	**20.73**	**20.58**	**19.88**	**19.68**	**19.09**	*19.60*	*19.43*	*19.15*	*19.28*	*19.36*	**20.68**	*19.56*	*19.31*
U.S. Territories	**0.30**	**0.32**	**0.33**	**0.32**	**0.27**	**0.28**	**0.30**	*0.30*	*0.30*	*0.29*	*0.28*	*0.30*	**0.32**	*0.29*	*0.29*
Canada	**2.38**	**2.29**	**2.43**	**2.39**	**2.37**	**2.26**	**2.37**	*2.40*	*2.33*	*2.23*	*2.31*	*2.35*	**2.37**	*2.35*	*2.30*
Europe	**15.23**	**14.95**	**15.41**	**15.62**	**15.20**	**14.88**	**15.27**	*15.30*	*14.88*	*14.50*	*14.89*	*15.11*	**15.30**	*15.16*	*14.85*
Japan	**5.43**	**4.64**	**4.70**	**5.25**	**5.41**	**4.59**	**4.62**	*5.19*	*5.38*	*4.39*	*4.53*	*4.96*	**5.01**	*4.95*	*4.81*
Other OECD	**5.60**	**5.37**	**5.24**	**5.62**	**5.55**	**5.39**	**5.33**	*5.64*	*5.52*	*5.23*	*5.19*	*5.54*	**5.46**	*5.48*	*5.37*
Non-OECD	**36.11**	**36.68**	**36.72**	**37.16**	**37.40**	**38.18**	**38.24**	*38.57*	*38.23*	*39.20*	*39.14*	*39.42*	**36.67**	*38.10*	*39.00*
Former Soviet Union	**4.25**	**4.32**	**4.22**	**4.32**	**4.34**	**4.49**	**4.38**	*4.43*	*4.36*	*4.54*	*4.47*	*4.42*	**4.28**	*4.41*	*4.45*
Europe	**0.85**	**0.78**	**0.73**	**0.79**	**0.86**	**0.80**	**0.75**	*0.81*	*0.88*	*0.81*	*0.76*	*0.82*	**0.79**	*0.80*	*0.82*
China	**7.33**	**7.52**	**7.59**	**7.87**	**7.72**	**7.94**	**8.07**	*8.29*	*8.07*	*8.32*	*8.33*	*8.64*	**7.58**	*8.00*	*8.34*
Other Asia	**8.74**	**8.83**	**8.64**	**8.93**	**8.91**	**8.97**	**8.73**	*9.04*	*8.88*	*8.97*	*8.69*	*8.97*	**8.78**	*8.91*	*8.88*
Other Non-OECD	**14.94**	**15.22**	**15.54**	**15.26**	**15.57**	**15.98**	**16.31**	*16.00*	*16.04*	*16.56*	*16.89*	*16.57*	**15.24**	*15.97*	*16.52*
Total World Consumption	**85.84**	**84.88**	**85.56**	**86.94**	**86.07**	**85.28**	**85.22**	*86.99*	*86.07*	*85.00*	*85.61*	*87.05*	**85.81**	*85.89*	*85.93*
Inventory Net Withdrawals (million barrels per day)															
U.S. (50 States)	**0.47**	**-0.57**	**0.14**	**0.56**	**0.14**	**-0.36**	**0.08**	*-0.07*	*0.19*	*-0.57*	*-0.09*	*0.31*	**0.15**	*-0.05*	*-0.04*
Other OECD (b)	**0.22**	**-0.13**	**-0.13**	**0.28**	**-0.11**	**-0.03**	**-0.29**	*0.64*	*0.43*	*0.12*	*-0.18*	*0.07*	**0.06**	*0.06*	*0.11*
Other Stock Draws and Balance	**1.22**	**1.41**	**1.32**	**0.83**	**0.74**	**-0.05**	**-0.46**	*0.85*	*0.59*	*0.17*	*-0.26*	*0.09*	**1.20**	*0.27*	*0.14*
Total Stock Draw	**1.91**	**0.71**	**1.33**	**1.67**	**0.77**	**-0.44**	**-0.67**	*1.43*	*1.21*	*-0.29*	*-0.53*	*0.46*	**1.40**	*0.27*	*0.21*
End-of-period Inventories (million barrels)															
U.S. Commercial Inventory	**989**	**1,039**	**1,024**	**968**	**953**	**980**	**975**	*983*	*965*	*1,015*	*1,023*	*995*	**968**	*983*	*995*
OECD Commercial Inventory (b)	**2,594**	**2,659**	**2,653**	**2,569**	**2,563**	**2,599**	**2,622**	*2,570*	*2,514*	*2,553*	*2,578*	*2,543*	**2,569**	*2,570*	*2,543*

- = no data available

(a) Supply includes production of crude oil (including lease condensates), natural gas plant liquids, other liquids, and refinery processing gains, alcohol.

(b) OECD: Organization for Economic Cooperation and Development: Australia, Austria, Belgium, Canada, the Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Japan, Luxembourg, Mexico, the Netherlands, New Zealand, Norway, Poland, Portugal, Slovakia, South Korea, Spain, Sweden, Switzerland, Turkey, the United Kingdom, and the United States.

(c) Includes offshore supply from Denmark, Germany, the Netherlands, Norway, and the United Kingdom.

(d) OPEC: Organization of Petroleum Exporting Countries: Algeria, Angola, Ecuador, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, Venezuela.

(e) Former Soviet Union: Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine and Uzbekistan.

(f) Consumption of petroleum by the OECD countries is synonymous with "petroleum product supplied," defined in the glossary of the EIA *Petroleum Supply Monthly* , DOE/EIA-0109. Consumption of petroleum by the non-OECD countries is "apparent consumption," which includes internal consumption, refinery fuel and loss, and bunkering.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Historical data: Latest data available from Energy Information Administration databases supporting the *International Petroleum Monthly* ; and International Energy Agency, Monthly Oil Data Service, latest monthly release.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 3b. Non-OPEC Petroleum Supply (million barrels per day)

Energy Information Administration/Short-Term Energy Outlook - November 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
North America	**15.42**	**15.48**	**15.31**	**15.32**	**15.28**	**15.23**	**14.87**	*14.99*	*15.24*	*15.36*	*15.38*	*15.63*	**15.38**	*15.09*	*15.40*
Canada	**3.45**	**3.37**	**3.48**	**3.39**	**3.35**	**3.26**	**3.41**	*3.41*	*3.45*	*3.48*	*3.52*	*3.57*	**3.42**	*3.36*	*3.51*
Mexico	**3.59**	**3.61**	**3.46**	**3.35**	**3.30**	**3.20**	**3.14**	*3.09*	*2.92*	*2.94*	*2.89*	*2.84*	**3.50**	*3.18*	*2.90*
United States	**8.38**	**8.50**	**8.36**	**8.58**	**8.62**	**8.77**	**8.32**	*8.49*	*8.86*	*8.93*	*8.97*	*9.22*	**8.46**	*8.55*	*9.00*
Central and South America	**3.74**	**4.12**	**4.26**	**4.14**	**3.78**	**4.10**	**4.62**	*4.46*	*4.01*	*4.42*	*4.95*	*4.64*	**4.07**	*4.24*	*4.51*
Argentina	**0.80**	**0.80**	**0.79**	**0.78**	**0.78**	**0.73**	**0.79**	*0.78*	*0.78*	*0.78*	*0.78*	*0.77*	**0.79**	*0.77*	*0.78*
Brazil	**1.97**	**2.32**	**2.48**	**2.34**	**1.98**	**2.34**	**2.76**	*2.66*	*2.22*	*2.64*	*3.16*	*2.87*	**2.28**	*2.44*	*2.73*
Colombia	**0.53**	**0.53**	**0.54**	**0.57**	**0.57**	**0.59**	**0.61**	*0.56*	*0.55*	*0.54*	*0.54*	*0.54*	**0.54**	*0.58*	*0.54*
Other Central and S. America	**0.45**	**0.46**	**0.45**	**0.45**	**0.45**	**0.45**	**0.47**	*0.46*	*0.46*	*0.46*	*0.46*	*0.46*	**0.45**	*0.46*	*0.46*
Europe	**5.47**	**5.17**	**4.96**	**5.24**	**5.14**	**5.00**	**4.70**	*4.82*	*4.79*	*4.58*	*4.42*	*4.60*	**5.21**	*4.91*	*4.60*
Norway	**2.73**	**2.47**	**2.48**	**2.58**	**2.51**	**2.42**	**2.40**	*2.37*	*2.38*	*2.27*	*2.25*	*2.34*	**2.57**	*2.42*	*2.31*
United Kingdom (offshore)	**1.70**	**1.66**	**1.44**	**1.63**	**1.61**	**1.58**	**1.31**	*1.44*	*1.42*	*1.33*	*1.21*	*1.30*	**1.61**	*1.49*	*1.31*
Other North Sea	**0.38**	**0.37**	**0.37**	**0.37**	**0.35**	**0.33**	**0.33**	*0.35*	*0.35*	*0.35*	*0.34*	*0.33*	**0.37**	*0.34*	*0.34*
FSU and Eastern Europe	**12.83**	**12.81**	**12.77**	**12.88**	**12.83**	**12.83**	**12.65**	*13.02*	*13.01*	*13.03*	*13.10*	*13.17*	**12.82**	*12.83*	*13.08*
Azerbaijan	**0.84**	**0.88**	**0.80**	**0.88**	**0.91**	**0.98**	**0.85**	*1.09*	*1.15*	*1.20*	*1.25*	*1.30*	**0.85**	*0.96*	*1.22*
Kazakhstan	**1.44**	**1.45**	**1.43**	**1.46**	**1.48**	**1.45**	**1.33**	*1.45*	*1.46*	*1.49*	*1.52*	*1.55*	**1.44**	*1.42*	*1.51*
Russia	**9.89**	**9.84**	**9.90**	**9.88**	**9.79**	**9.75**	**9.82**	*9.83*	*9.75*	*9.70*	*9.69*	*9.69*	**9.88**	*9.80*	*9.70*
Turkmenistan	**0.19**	**0.17**	**0.18**	**0.18**	**0.19**	**0.19**	**0.19**	*0.19*	*0.19*	*0.20*	*0.20*	*0.20*	**0.18**	*0.19*	*0.20*
Other FSU/Eastern Europe	**0.66**	**0.65**	**0.65**	**0.66**	**0.66**	**0.66**	**0.65**	*0.65*	*0.65*	*0.64*	*0.64*	*0.64*	**0.65**	*0.65*	*0.64*
Middle East	**1.54**	**1.51**	**1.51**	**1.53**	**1.56**	**1.54**	**1.52**	*1.53*	*1.53*	*1.51*	*1.51*	*1.52*	**1.52**	*1.54*	*1.52*
Oman	**0.72**	**0.71**	**0.70**	**0.72**	**0.75**	**0.75**	**0.74**	*0.74*	*0.72*	*0.71*	*0.71*	*0.71*	**0.71**	*0.74*	*0.71*
Syria	**0.43**	**0.43**	**0.43**	**0.43**	**0.45**	**0.44**	**0.42**	*0.43*	*0.45*	*0.45*	*0.45*	*0.45*	**0.43**	*0.43*	*0.45*
Yemen	**0.33**	**0.32**	**0.31**	**0.32**	**0.32**	**0.30**	**0.30**	*0.31*	*0.31*	*0.30*	*0.29*	*0.30*	**0.32**	*0.31*	*0.30*
Asia and Oceania	**7.43**	**7.45**	**7.38**	**7.40**	**7.45**	**7.50**	**7.51**	*7.47*	*7.47*	*7.47*	*7.46*	*7.44*	**7.42**	*7.48*	*7.46*
Australia	**0.57**	**0.61**	**0.60**	**0.58**	**0.53**	**0.60**	**0.64**	*0.64*	*0.63*	*0.61*	*0.62*	*0.58*	**0.59**	*0.60*	*0.61*
China	**3.92**	**3.96**	**3.87**	**3.86**	**3.93**	**3.99**	**3.95**	*3.92*	*3.90*	*3.92*	*3.92*	*3.93*	**3.90**	*3.95*	*3.92*
India	**0.89**	**0.87**	**0.88**	**0.88**	**0.89**	**0.88**	**0.87**	*0.88*	*0.89*	*0.90*	*0.89*	*0.88*	**0.88**	*0.88*	*0.89*
Malaysia	**0.71**	**0.70**	**0.70**	**0.70**	**0.74**	**0.71**	**0.73**	*0.70*	*0.71*	*0.70*	*0.71*	*0.69*	**0.70**	*0.72*	*0.70*
Vietnam	**0.36**	**0.34**	**0.34**	**0.36**	**0.34**	**0.31**	**0.31**	*0.34*	*0.36*	*0.36*	*0.37*	*0.38*	**0.35**	*0.32*	*0.37*
Africa	**2.52**	**2.57**	**2.61**	**2.59**	**2.58**	**2.58**	**2.63**	*2.63*	*2.63*	*2.64*	*2.64*	*2.64*	**2.57**	*2.61*	*2.64*
Egypt	**0.64**	**0.67**	**0.71**	**0.64**	**0.63**	**0.62**	**0.65**	*0.62*	*0.58*	*0.57*	*0.56*	*0.55*	**0.66**	*0.63*	*0.57*
Equatorial Guinea	**0.36**	**0.37**	**0.37**	**0.37**	**0.36**	**0.36**	**0.36**	*0.35*	*0.35*	*0.35*	*0.35*	*0.35*	**0.37**	*0.36*	*0.35*
Gabon	**0.24**	**0.24**	**0.24**	**0.25**	**0.24**	**0.25**	**0.25**	*0.25*	*0.25*	*0.24*	*0.24*	*0.24*	**0.24**	*0.25*	*0.24*
Sudan	**0.40**	**0.45**	**0.49**	**0.52**	**0.52**	**0.52**	**0.52**	*0.53*	*0.55*	*0.58*	*0.60*	*0.60*	**0.47**	*0.52*	*0.59*
Total non-OPEC liquids	**48.95**	**49.10**	**48.79**	**49.10**	**48.62**	**48.79**	**48.50**	*48.92*	*48.67*	*49.01*	*49.45*	*49.65*	**48.98**	*48.71*	*49.20*
OPEC non-crude liquids	**4.55**	**4.49**	**4.51**	**4.53**	**4.59**	**4.61**	**4.71**	*4.72*	*4.93*	*5.23*	*5.53*	*5.85*	**4.52**	*4.66*	*5.39*
Non-OPEC + OPEC non-crude	**53.50**	**53.59**	**53.30**	**53.63**	**53.21**	**53.40**	**53.21**	*53.64*	*53.60*	*54.24*	*54.98*	*55.51*	**53.50**	*53.37*	*54.59*

- = no data available

FSU = Former Soviet Union

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Supply includes production of crude oil (including lease condensates), natural gas plant liquids, other liquids, and refinery processing gains, alcohol.

Not all countries are shown in each region and sum of reported country volumes may not equal regional volumes.

Historical data: Latest data available from Energy Information Administration databases supporting the *International Petroleum Monthly* ; and International Energy Agency, Monthly Oil Data Service, latest monthly release.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 3c. OPEC Petroleum Production (million barrels per day)

Energy Information Administration/Short-Term Energy Outlook - November 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Crude Oil															
Algeria	**1.36**	**1.36**	**1.37**	**1.40**	**1.41**	**1.44**	**1.44**	-	-	-	-	-	**1.37**	-	-
Angola	**1.57**	**1.64**	**1.67**	**1.85**	**1.91**	**1.92**	**1.85**	-	-	-	-	-	**1.68**	-	-
Ecudaor	**0.50**	**0.51**	**0.51**	**0.52**	**0.52**	**0.50**	**0.50**	-	-	-	-	-	**0.51**	-	-
Indonesia	**0.86**	**0.85**	**0.84**	**0.84**	**0.85**	**0.86**	**0.86**	-	-	-	-	-	**0.85**	-	-
Iran	**3.70**	**3.70**	**3.70**	**3.70**	**3.80**	**3.80**	**3.90**	-	-	-	-	-	**3.70**	-	-
Iraq	**1.93**	**2.07**	**2.05**	**2.28**	**2.25**	**2.40**	**2.42**	-	-	-	-	-	**2.08**	-	-
Kuwait	**2.43**	**2.42**	**2.48**	**2.52**	**2.58**	**2.60**	**2.60**	-	-	-	-	-	**2.46**	-	-
Libya	**1.68**	**1.68**	**1.71**	**1.74**	**1.74**	**1.71**	**1.71**	-	-	-	-	-	**1.70**	-	-
Nigeria	**2.11**	**2.06**	**2.15**	**2.16**	**1.99**	**1.90**	**1.95**	-	-	-	-	-	**2.12**	-	-
Qatar	**0.79**	**0.79**	**0.83**	**0.84**	**0.85**	**0.87**	**0.87**	-	-	-	-	-	**0.81**	-	-
Saudi Arabia	**8.65**	**8.60**	**8.67**	**8.97**	**9.20**	**9.32**	**9.57**	-	-	-	-	-	**8.72**	-	-
United Arab Emirates	**2.49**	**2.50**	**2.55**	**2.44**	**2.60**	**2.60**	**2.60**	-	-	-	-	-	**2.49**	-	-
Venezuela	**2.36**	**2.40**	**2.40**	**2.40**	**2.40**	**2.40**	**2.39**	-	-	-	-	-	**2.39**	-	-
OPEC Total	**30.44**	**30.58**	**30.93**	**31.65**	**32.10**	**32.31**	**32.68**	*31.93*	*31.26*	*31.04*	*31.16*	*31.08*	**30.90**	*32.25*	*31.13*
Other Liquids	**4.55**	**4.49**	**4.51**	**4.53**	**4.59**	**4.61**	**4.71**	*4.72*	*4.93*	*5.23*	*5.53*	*5.85*	**4.52**	*4.66*	*5.39*
Total OPEC Supply	**34.98**	**35.07**	**35.44**	**36.18**	**36.69**	**36.92**	**37.39**	*36.64*	*36.19*	*36.27*	*36.69*	*36.93*	**35.42**	*36.91*	*36.52*
Crude Oil Production Capacity															
Algeria	**1.39**	**1.39**	**1.39**	**1.40**	**1.41**	**1.44**	**1.44**	-	-	-	-	-	**1.39**	-	-
Angola	**1.57**	**1.64**	**1.67**	**1.85**	**1.91**	**1.92**	**1.85**	-	-	-	-	-	**1.68**	-	-
Ecudaor	**0.50**	**0.51**	**0.51**	**0.52**	**0.52**	**0.50**	**0.50**	-	-	-	-	-	**0.51**	-	-
Indonesia	**0.86**	**0.85**	**0.84**	**0.84**	**0.85**	**0.86**	**0.86**	-	-	-	-	-	**0.85**	-	-
Iran	**3.75**	**3.75**	**3.75**	**3.70**	**3.80**	**3.80**	**3.90**	-	-	-	-	-	**3.74**	-	-
Iraq	**1.93**	**2.07**	**2.06**	**2.30**	**2.30**	**2.42**	**2.42**	-	-	-	-	-	**2.09**	-	-
Kuwait	**2.60**	**2.60**	**2.60**	**2.60**	**2.60**	**2.60**	**2.60**	-	-	-	-	-	**2.60**	-	-
Libya	**1.70**	**1.70**	**1.71**	**1.74**	**1.79**	**1.75**	**1.70**	-	-	-	-	-	**1.71**	-	-
Nigeria	**2.11**	**2.06**	**2.15**	**2.16**	**1.99**	**1.90**	**1.95**	-	-	-	-	-	**2.12**	-	-
Qatar	**0.82**	**0.82**	**0.83**	**0.85**	**0.88**	**0.93**	**0.98**	-	-	-	-	-	**0.83**	-	-
Saudi Arabia	**10.50**	**10.50**	**10.50**	**10.50**	**10.60**	**10.80**	**10.80**	-	-	-	-	-	**10.50**	-	-
United Arab Emirates	**2.60**	**2.60**	**2.60**	**2.45**	**2.60**	**2.60**	**2.60**	-	-	-	-	-	**2.56**	-	-
Venezuela	**2.45**	**2.43**	**2.40**	**2.40**	**2.40**	**2.40**	**2.39**	-	-	-	-	-	**2.42**	-	-
OPEC Total	**32.78**	**32.92**	**33.02**	**33.31**	**33.64**	**33.92**	**34.01**	*34.41*	*34.89*	*34.87*	*34.99*	*35.01*	**33.01**	*34.00*	*34.94*
Surplus Crude Oil Production Capacity															
Algeria	**0.03**	**0.03**	**0.02**	**0.00**	**0.00**	**0.00**	**0.00**	-	-	-	-	-	**0.02**	-	-
Angola	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	-	-	-	-	-	**0.00**	-	-
Ecudaor	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	-	-	-	-	-	**0.00**	-	-
Indonesia	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	-	-	-	-	-	**0.00**	-	-
Iran	**0.05**	**0.05**	**0.05**	**0.00**	**0.00**	**0.00**	**0.00**	-	-	-	-	-	**0.04**	-	-
Iraq	**0.00**	**0.00**	**0.02**	**0.02**	**0.05**	**0.02**	**0.00**	-	-	-	-	-	**0.01**	-	-
Kuwait	**0.17**	**0.18**	**0.12**	**0.08**	**0.02**	**0.00**	**0.00**	-	-	-	-	-	**0.14**	-	-
Libya	**0.02**	**0.02**	**0.00**	**0.00**	**0.05**	**0.05**	**-0.01**	-	-	-	-	-	**0.01**	-	-
Nigeria	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	-	-	-	-	-	**0.00**	-	-
Qatar	**0.03**	**0.03**	**0.00**	**0.01**	**0.03**	**0.06**	**0.11**	-	-	-	-	-	**0.02**	-	-
Saudi Arabia	**1.85**	**1.90**	**1.83**	**1.53**	**1.40**	**1.48**	**1.23**	-	-	-	-	-	**1.78**	-	-
United Arab Emirates	**0.11**	**0.10**	**0.05**	**0.02**	**0.00**	**0.00**	**0.00**	-	-	-	-	-	**0.07**	-	-
Venezuela	**0.09**	**0.03**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	-	-	-	-	-	**0.03**	-	-
OPEC Total	**2.35**	**2.34**	**2.09**	**1.66**	**1.55**	**1.61**	**1.33**	*2.48*	*3.63*	*3.83*	*3.83*	*3.93*	**2.11**	*1.74*	*3.81*

- = no data available

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Historical data: Latest data available from Energy Information Administration databases supporting the *International Petroleum Monthly* ; and International Energy Agency, Monthly Oil Data Service, latest monthly release.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 4a. U.S. Petroleum Supply, Consumption, and Inventories

Energy Information Administration/Short-Term Energy Outlook - November 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Supply (million barrels per day)															
Crude Oil Supply															
Domestic Production (a)	**5.12**	**5.16**	**4.94**	**5.04**	**5.12**	**5.15**	**4.69**	*4.82*	*5.23*	*5.28*	*5.31*	*5.55*	**5.06**	*4.94*	*5.34*
Alaska	**0.76**	**0.74**	**0.66**	**0.73**	**0.71**	**0.68**	**0.62**	*0.68*	*0.66*	*0.61*	*0.58*	*0.68*	**0.72**	*0.67*	*0.63*
Federal Gulf of Mexico (b)	**1.31**	**1.34**	**1.22**	**1.24**	**1.33**	**1.35**	**0.93**	*0.96*	*1.24*	*1.40*	*1.47*	*1.55*	**1.28**	*1.14*	*1.42*
Lower 48 States (excl GOM)	**3.05**	**3.08**	**3.06**	**3.07**	**3.07**	**3.11**	**3.13**	*3.18*	*3.33*	*3.27*	*3.26*	*3.32*	**3.07**	*3.13*	*3.30*
Crude Oil Net Imports (c)	**9.87**	**10.13**	**10.15**	**9.86**	**9.72**	**9.84**	**9.65**	*9.74*	*8.98*	*9.38*	*9.04*	*8.59*	**10.00**	*9.74*	*8.99*
SPR Net Withdrawals	**0.00**	**-0.02**	**-0.03**	**-0.04**	**-0.04**	**-0.06**	**0.03**	*0.01*	*-0.01*	*-0.02*	*0.00*	*0.00*	**-0.02**	*-0.01*	*-0.01*
Commercial Inventory Net Withdrawals	**-0.21**	**-0.25**	**0.47**	**0.27**	**-0.30**	**0.20**	**-0.06**	*0.00*	*-0.18*	*0.01*	*0.16*	*0.02*	**0.07**	*-0.04*	*0.00*
Crude Oil Adjustment (d)	**-0.02**	**0.20**	**0.00**	**-0.03**	**0.09**	**0.04**	**0.04**	*-0.01*	*0.04*	*0.08*	*0.01*	*-0.03*	**0.04**	*0.04*	*0.02*
Total Crude Oil Input to Refineries	**14.77**	**15.23**	**15.53**	**15.09**	**14.59**	**15.16**	**14.35**	*14.56*	*14.06*	*14.72*	*14.52*	*14.13*	**15.16**	*14.67*	*14.36*
Other Supply															
Refinery Processing Gain	**0.98**	**0.96**	**1.01**	**1.03**	**0.98**	**0.99**	**1.00**	*1.01*	*0.97*	*0.97*	*0.98*	*1.00*	**1.00**	*1.00*	*0.98*
Natural Gas Liquids Production	**1.72**	**1.78**	**1.78**	**1.85**	**1.82**	**1.87**	**1.80**	*1.82*	*1.81*	*1.84*	*1.81*	*1.79*	**1.78**	*1.83*	*1.81*
Other HC/Oxygenates Adjustment (e)	**0.56**	**0.60**	**0.63**	**0.66**	**0.70**	**0.77**	**0.83**	*0.83*	*0.85*	*0.86*	*0.87*	*0.87*	**0.61**	*0.78*	*0.86*
Fuel Ethanol Production	**0.38**	**0.40**	**0.44**	**0.48**	**0.53**	**0.58**	**0.64**	*0.66*	*0.68*	*0.68*	*0.69*	*0.70*	**0.43**	*0.60*	*0.69*
Product Net Imports (c)	**2.09**	**2.36**	**2.08**	**1.61**	**1.33**	**1.41**	**1.01**	*1.45*	*1.36*	*1.33*	*1.35*	*1.28*	**2.03**	*1.30*	*1.33*
Pentanes Plus	**0.02**	**0.02**	**0.03**	**0.00**	**-0.01**	**-0.01**	**-0.02**	*0.00*	*0.00*	*-0.01*	*0.00*	*0.00*	**0.02**	*-0.01*	*0.00*
Liquefied Petroleum Gas	**0.20**	**0.18**	**0.19**	**0.19**	**0.16**	**0.13**	**0.20**	*0.23*	*0.16*	*0.14*	*0.15*	*0.18*	**0.19**	*0.18*	*0.16*
Unfinished Oils	**0.74**	**0.79**	**0.68**	**0.66**	**0.75**	**0.76**	**0.77**	*0.76*	*0.74*	*0.75*	*0.83*	*0.74*	**0.72**	*0.76*	*0.76*
Other HC/Oxygenates	**-0.04**	**-0.05**	**-0.03**	**-0.05**	**-0.04**	**-0.02**	**-0.02**	*-0.03*	*-0.03*	*-0.04*	*-0.04*	*-0.05*	**-0.04**	*-0.03*	*-0.04*
Motor Gasoline Blend Comp.	**0.66**	**0.84**	**0.75**	**0.70**	**0.59**	**0.84**	**0.77**	*0.73*	*0.65*	*0.83*	*0.76*	*0.64*	**0.74**	*0.73*	*0.72*
Finished Motor Gasoline	**0.22**	**0.41**	**0.35**	**0.17**	**0.21**	**0.21**	**0.09**	*0.16*	*0.22*	*0.27*	*0.18*	*0.11*	**0.29**	*0.17*	*0.19*
Jet Fuel	**0.18**	**0.23**	**0.19**	**0.11**	**0.06**	**0.07**	**0.02**	*0.05*	*0.02*	*0.01*	*0.06*	*0.04*	**0.18**	*0.05*	*0.03*
Distillate Fuel Oil	**0.15**	**0.07**	**0.04**	**-0.11**	**-0.10**	**-0.36**	**-0.54**	*-0.28*	*-0.20*	*-0.27*	*-0.25*	*-0.18*	**0.04**	*-0.32*	*-0.22*
Residual Fuel Oil	**0.12**	**0.02**	**0.01**	**0.02**	**-0.03**	**-0.01**	**-0.02**	*0.04*	*0.04*	*-0.04*	*-0.07*	*0.00*	**0.04**	*0.00*	*-0.02*
Other Oils (f)	**-0.16**	**-0.14**	**-0.13**	**-0.07**	**-0.26**	**-0.21**	**-0.24**	*-0.20*	*-0.23*	*-0.29*	*-0.26*	*-0.21*	**-0.12**	*-0.23*	*-0.25*
Product Inventory Net Withdrawals	**0.67**	**-0.30**	**-0.30**	**0.33**	**0.47**	**-0.50**	**0.11**	*-0.08*	*0.38*	*-0.56*	*-0.25*	*0.29*	**0.10**	*0.00*	*-0.03*
Total Supply	**20.79**	**20.63**	**20.73**	**20.58**	**19.90**	**20.08**	**19.09**	*19.60*	*19.43*	*19.15*	*19.28*	*19.36*	**20.68**	*19.67*	*19.31*
Consumption (million barrels per day)															
Natural Gas Liquids and Other Liquids															
Pentanes Plus	**0.10**	**0.10**	**0.11**	**0.11**	**0.11**	**0.07**	**0.10**	*0.12*	*0.10*	*0.09*	*0.09*	*0.11*	**0.11**	*0.10*	*0.10*
Liquefied Petroleum Gas	**2.38**	**1.92**	**1.92**	**2.13**	**2.25**	**1.86**	**1.88**	*2.09*	*2.24*	*1.80*	*1.84*	*2.08*	**2.08**	*2.02*	*1.99*
Unfinished Oils	**0.10**	**0.05**	**-0.06**	**0.03**	**0.00**	**-0.06**	**-0.17**	*0.01*	*0.01*	*-0.01*	*-0.01*	*-0.01*	**0.03**	*-0.06*	*0.00*
Finished Petroleum Products															
Motor Gasoline	**9.02**	**9.38**	**9.49**	**9.24**	**8.91**	**9.14**	**8.99**	*9.01*	*8.76*	*9.07*	*9.08*	*8.96*	**9.29**	*9.01*	*8.97*
Jet Fuel	**1.60**	**1.64**	**1.63**	**1.61**	**1.54**	**1.58**	**1.55**	*1.47*	*1.46*	*1.46*	*1.51*	*1.47*	**1.62**	*1.53*	*1.47*
Distillate Fuel Oil	**4.38**	**4.13**	**4.11**	**4.16**	**4.20**	**3.92**	**3.66**	*3.99*	*4.06*	*3.85*	*3.79*	*3.91*	**4.20**	*3.94*	*3.90*
Residual Fuel Oil	**0.80**	**0.70**	**0.70**	**0.69**	**0.60**	**0.68**	**0.56**	*0.60*	*0.65*	*0.57*	*0.53*	*0.57*	**0.72**	*0.61*	*0.58*
Other Oils (f)	**2.39**	**2.69**	**2.82**	**2.61**	**2.27**	**2.49**	**2.51**	*2.33*	*2.15*	*2.32*	*2.44*	*2.28*	**2.63**	*2.40*	*2.30*
Total Consumption	**20.79**	**20.63**	**20.73**	**20.58**	**19.88**	**19.68**	**19.09**	*19.60*	*19.43*	*19.15*	*19.28*	*19.36*	**20.68**	*19.56*	*19.31*
Total Petroleum Net Imports	**11.96**	**12.49**	**12.23**	**11.47**	**11.05**	**11.25**	**10.66**	*11.19*	*10.33*	*10.71*	*10.39*	*9.87*	**12.04**	*11.04*	*10.32*
End-of-period Inventories (million barrels)															
Commercial Inventory															
Crude Oil (excluding SPR)	**330.9**	**354.1**	**311.1**	**286.1**	**313.1**	**294.7**	**300.3**	*300.5*	*316.9*	*316.4*	*301.7*	*300.1*	**286.1**	*300.5*	*300.1*
Pentanes Plus	**11.3**	**10.9**	**12.1**	**10.3**	**9.1**	**12.9**	**13.2**	*10.6*	*9.8*	*11.0*	*12.0*	*9.6*	**10.3**	*10.6*	*9.6*
Liquefied Petroleum Gas	**70.4**	**103.0**	**125.7**	**95.6**	**64.7**	**103.1**	**130.7**	*104.3*	*72.2*	*112.1*	*138.8*	*108.0*	**95.6**	*104.3*	*108.0*
Unfinished Oils	**95.2**	**88.6**	**90.9**	**81.2**	**90.2**	**88.7**	**88.3**	*84.0*	*94.9*	*90.8*	*89.6*	*82.6*	**81.2**	*84.0*	*82.6*
Other HC/Oxygenates	**10.2**	**10.6**	**13.4**	**11.7**	**13.3**	**13.8**	**17.1**	*16.3*	*17.3*	*17.0*	*18.0*	*17.1*	**11.7**	*16.3*	*17.1*
Total Motor Gasoline	**201.6**	**205.5**	**200.0**	**218.1**	**221.2**	**209.8**	**184.8**	*208.5*	*208.5*	*211.3*	*203.6*	*210.5*	**218.1**	*208.5*	*210.5*
Finished Motor Gasoline	**109.2**	**116.6**	**113.2**	**111.4**	**110.0**	**107.0**	**89.7**	*101.4*	*98.0*	*104.7*	*99.0*	*102.5*	**111.4**	*101.4*	*102.5*
Motor Gasoline Blend Comp.	**92.4**	**88.9**	**86.8**	**106.7**	**111.2**	**102.8**	**95.1**	*107.2*	*110.5*	*106.6*	*104.6*	*108.0*	**106.7**	*107.2*	*108.0*
Jet Fuel	**40.1**	**41.1**	**42.9**	**39.5**	**38.4**	**39.7**	**36.6**	*38.2*	*38.6*	*40.4*	*41.7*	*41.1*	**39.5**	*38.2*	*41.1*
Distillate Fuel Oil	**120.0**	**123.8**	**134.2**	**133.9**	**107.2**	**121.1**	**122.7**	*131.6*	*106.6*	*117.8*	*129.6*	*133.5*	**133.9**	*131.6*	*133.5*
Residual Fuel Oil	**39.6**	**36.1**	**37.0**	**39.3**	**39.4**	**41.6**	**37.4**	*40.1*	*39.8*	*40.1*	*38.4*	*40.0*	**39.3**	*40.1*	*40.0*
Other Oils (f)	**69.7**	**65.6**	**56.4**	**52.7**	**56.1**	**54.2**	**44.4**	*48.5*	*60.2*	*58.2*	*49.9*	*52.1*	**52.7**	*48.5*	*52.1*
Total Commercial Inventory	**989**	**1,039**	**1,024**	**968**	**953**	**980**	**975**	*983*	*965*	*1,015*	*1,023*	*995*	**968**	*983*	*995*
Crude Oil in SPR	**689**	**690**	**693**	**697**	**700**	**706**	**703**	*702*	*703*	*704*	*704*	*704*	**697**	*702*	*704*
Heating Oil Reserve	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	*2.0*	*2.0*	*2.0*	*2.0*	*2.0*	**2.0**	*2.0*	*2.0*

- = no data available

(a) Includes lease condensate.

(b) Crude oil production from U.S. Federal leases in the Gulf of Mexico (GOM).

(c) Net imports equals gross imports minus gross exports.

(d) Crude oil adjustment balances supply and consumption and was previously referred to as "Unaccounted for Crude Oil."

(e) Other HC/oxygenates adjustment balances supply and consumption and includes MTBE and fuel ethanol production reported in the EIA-819M *Monthly Oxygenate Report* . This adjustment was previously referred to as "Field Production."

(f) "Other Oils" inludes aviation gasoline blend components, finished aviation gasoline, kerosene, petrochemical feedstocks, special naphthas, lubricants, waxes, petroleum coke, asphalt and road oil, still gas, and miscellaneous products.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

SPR: Strategic Petroleum Reserve

HC: Hydrocarbons

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Petroleum Supply Monthly* , DOE/EIA-0109; *Petroleum Supply Annual* , DOE/EIA-0340/2; and *Weekly Petroleum Status Report* , DOE/EIA-0208.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 4b. U.S. Petroleum Refinery Balance (Million Barrels per Day, Except Utilization Factor)

Energy Information Administration/Short-Term Energy Outlook - November 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Refinery Inputs															
Crude Oil	**14.77**	**15.23**	**15.53**	**15.09**	**14.59**	**15.16**	**14.35**	*14.56*	*14.06*	*14.72*	*14.52*	*14.13*	**15.16**	*14.67*	*14.36*
Pentanes Plus	**0.17**	**0.19**	**0.18**	**0.18**	**0.15**	**0.16**	**0.16**	*0.18*	*0.16*	*0.16*	*0.17*	*0.18*	**0.18**	*0.16*	*0.17*
Liquefied Petroleum Gas	**0.33**	**0.27**	**0.29**	**0.42**	**0.36**	**0.29**	**0.28**	*0.40*	*0.35*	*0.29*	*0.30*	*0.41*	**0.33**	*0.33*	*0.34*
Other Hydrocarbons/Oxygenates	**0.47**	**0.48**	**0.49**	**0.52**	**0.54**	**0.60**	**0.67**	*0.69*	*0.70*	*0.70*	*0.70*	*0.71*	**0.49**	*0.63*	*0.70*
Unfinished Oils	**0.52**	**0.80**	**0.71**	**0.74**	**0.67**	**0.84**	**0.94**	*0.79*	*0.60*	*0.80*	*0.86*	*0.82*	**0.69**	*0.81*	*0.77*
Motor Gasoline Blend Components	**0.18**	**0.32**	**0.20**	**-0.09**	**0.28**	**0.63**	**0.44**	*0.22*	*0.36*	*0.52*	*0.39*	*0.25*	**0.15**	*0.39*	*0.38*
Aviation Gasoline Blend Components	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	**0.00**	*0.00*	*0.00*
Total Refinery Inputs	**16.43**	**17.29**	**17.41**	**16.86**	**16.58**	**17.59**	**16.85**	*16.85*	*16.23*	*17.19*	*16.93*	*16.50*	**17.00**	*16.97*	*16.71*
Refinery Processing Gain	**0.98**	**0.96**	**1.01**	**1.03**	**0.98**	**0.99**	**1.00**	*1.01*	*0.97*	*0.97*	*0.98*	*1.00*	**1.00**	*1.00*	*0.98*
Refinery Outputs															
Liquefied Petroleum Gas	**0.56**	**0.86**	**0.76**	**0.45**	**0.55**	**0.85**	**0.75**	*0.43*	*0.52*	*0.82*	*0.75*	*0.44*	**0.65**	*0.64*	*0.63*
Finished Motor Gasoline	**8.16**	**8.43**	**8.46**	**8.38**	**8.34**	**8.45**	**8.20**	*8.49*	*8.15*	*8.41*	*8.32*	*8.41*	**8.36**	*8.37*	*8.32*
Jet Fuel	**1.44**	**1.43**	**1.46**	**1.47**	**1.47**	**1.52**	**1.50**	*1.43*	*1.44*	*1.47*	*1.47*	*1.42*	**1.45**	*1.48*	*1.45*
Distillate Fuel	**3.98**	**4.10**	**4.18**	**4.27**	**4.01**	**4.44**	**4.22**	*4.36*	*3.98*	*4.24*	*4.17*	*4.13*	**4.13**	*4.26*	*4.13*
Residual Fuel	**0.66**	**0.64**	**0.70**	**0.69**	**0.63**	**0.71**	**0.53**	*0.59*	*0.61*	*0.62*	*0.58*	*0.59*	**0.67**	*0.62*	*0.60*
Other Oils (a)	**2.63**	**2.79**	**2.85**	**2.65**	**2.57**	**2.68**	**2.65**	*2.57*	*2.51*	*2.60*	*2.61*	*2.51*	**2.73**	*2.62*	*2.56*
Total Refinery Output	**17.41**	**18.25**	**18.41**	**17.89**	**17.57**	**18.65**	**17.84**	*17.86*	*17.20*	*18.15*	*17.91*	*17.50*	**17.99**	*17.98*	*17.69*
Refinery Distillation Inputs	**15.12**	**15.49**	**15.77**	**15.41**	**14.89**	**15.52**	**14.71**	*14.93*	*14.43*	*15.07*	*14.88*	*14.50*	**15.45**	*15.01*	*14.72*
Refinery Operable Distillation Capacity	**17.44**	**17.45**	**17.46**	**17.45**	**17.59**	**17.60**	**17.61**	*17.61*	*17.61*	*17.61*	*17.61*	*17.61*	**17.45**	*17.60*	*17.61*
Refinery Distillation Utilization Factor	**0.87**	**0.89**	**0.90**	**0.88**	**0.85**	**0.88**	**0.84**	*0.85*	*0.82*	*0.86*	*0.84*	*0.82*	**0.89**	*0.85*	*0.84*

- = no data available

(a) "Other Oils" includes aviation gasoline blend components, finished aviation gasoline, kerosene, petrochemical feedstocks, special naphthas, lubricants, waxes, petroleum coke, asphalt and road oil, still gas, and miscellaneous products.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Petroleum Supply Monthly*, DOE/EIA-0109; *Petroleum Supply Annual*, DOE/EIA-0340/2; *Weekly Petroleum Status Report*, DOE/EIA-0208.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 4c. U.S. Regional Motor Gasoline Prices and Inventories

Energy Information Administration/Short-Term Energy Outlook - November 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Prices (cents per gallon)															
Refiner Wholesale Price	**176**	**238**	**222**	**234**	**249**	**315**	**314**	*164*	*169*	*177*	*184*	*174*	**218**	*261*	*176*
Gasoline Regular Grade Retail Prices Excluding Taxes															
PADD 1 (East Coast)	**186**	**244**	**231**	**246**	**263**	**325**	**331**	*197*	*178*	*186*	*194*	*186*	**227**	*279*	*186*
PADD 2 (Midwest)	**183**	**254**	**243**	**245**	**260**	**325**	**331**	*185*	*178*	*188*	*196*	*184*	**232**	*275*	*186*
PADD 3 (Gulf Coast)	**181**	**247**	**233**	**243**	**260**	**323**	**330**	*188*	*174*	*184*	*192*	*183*	**226**	*275*	*183*
PADD 4 (Rocky Mountain)	**182**	**259**	**246**	**248**	**255**	**321**	**343**	*203*	*171*	*187*	*202*	*191*	**235**	*281*	*188*
PADD 5 (West Coast)	**213**	**266**	**235**	**257**	**268**	**339**	**342**	*214*	*191*	*207*	*209*	*202*	**243**	*291*	*203*
U.S. Average	**188**	**251**	**236**	**247**	**262**	**327**	**332**	*195*	*179*	*190*	*197*	*188*	**231**	*279*	*189*
Gasoline Regular Grade Retail Prices Including Taxes															
PADD 1	**235**	**295**	**280**	**296**	**312**	**374**	**383**	*247*	*226*	*235*	*243*	*235*	**277**	*329*	*235*
PADD 2	**229**	**302**	**292**	**294**	**307**	**373**	**381**	*233*	*224*	*235*	*243*	*231*	**280**	*324*	*233*
PADD 3	**222**	**289**	**275**	**284**	**301**	**364**	**374**	*231*	*215*	*226*	*234*	*225*	**268**	*318*	*225*
PADD 4	**228**	**307**	**292**	**295**	**302**	**367**	**391**	*251*	*218*	*235*	*250*	*239*	**281**	*328*	*236*
PADD 5	**268**	**326**	**292**	**316**	**327**	**398**	**405**	*274*	*246*	*263*	*265*	*258*	**301**	*351*	*258*
U.S. Average	**236**	**302**	**285**	**297**	**311**	**376**	**385**	*245*	*227*	*239*	*246*	*236*	**281**	*329*	*237*
Gasoline All Grades Including Taxes	**241**	**306**	**290**	**302**	**316**	**381**	**390**	*251*	*232*	*243*	*251*	*241*	**285**	*335*	*242*
End-of-period Inventories (million barrels)															
Total Gasoline Inventories															
PADD 1	**54.3**	**53.5**	**51.8**	**59.9**	**59.4**	**59.2**	**44.9**	*54.7*	*56.0*	*59.2*	*55.6*	*56.5*	**59.9**	*54.7*	*56.5*
PADD 2	**49.1**	**49.8**	**49.9**	**52.7**	**52.4**	**51.3**	**47.7**	*51.7*	*50.4*	*49.9*	*49.5*	*50.8*	**52.7**	*51.7*	*50.8*
PADD 3	**63.7**	**65.3**	**63.3**	**67.2**	**71.5**	**64.7**	**59.1**	*66.6*	*67.5*	*68.3*	*66.0*	*68.9*	**67.2**	*66.6*	*68.9*
PADD 4	**6.5**	**6.3**	**6.1**	**6.5**	**6.7**	**6.6**	**6.5**	*7.1*	*6.7*	*5.8*	*5.6*	*6.3*	**6.5**	*7.1*	*6.3*
PADD 5	**28.0**	**30.7**	**28.8**	**31.8**	**31.3**	**28.0**	**26.5**	*28.4*	*27.8*	*28.2*	*26.8*	*28.0*	**31.8**	*28.4*	*28.0*
U.S. Total	**201.6**	**205.5**	**200.0**	**218.1**	**221.2**	**209.8**	**184.8**	*208.5*	*208.5*	*211.3*	*203.6*	*210.5*	**218.1**	*208.5*	*210.5*
Finished Gasoline Inventories															
PADD 1	**25.8**	**29.9**	**29.5**	**29.1**	**27.0**	**28.8**	**18.9**	*24.7*	*22.9*	*27.3*	*24.8*	*25.5*	**29.1**	*24.7*	*25.5*
PADD 2	**33.6**	**34.5**	**34.1**	**35.6**	**34.5**	**33.6**	**29.4**	*33.2*	*31.8*	*32.2*	*32.4*	*33.7*	**35.6**	*33.2*	*33.7*
PADD 3	**37.0**	**38.1**	**36.8**	**35.7**	**36.1**	**33.8**	**31.4**	*33.6*	*32.8*	*34.4*	*32.4*	*34.7*	**35.7**	*33.6*	*34.7*
PADD 4	**4.6**	**4.4**	**4.4**	**4.6**	**4.7**	**4.5**	**4.2**	*4.4*	*4.5*	*4.0*	*4.0*	*4.2*	**4.6**	*4.4*	*4.2*
PADD 5	**8.2**	**9.8**	**8.4**	**6.5**	**7.7**	**6.3**	**5.8**	*5.4*	*6.0*	*6.8*	*5.4*	*4.5*	**6.5**	*5.4*	*4.5*
U.S. Total	**109.2**	**116.6**	**113.2**	**111.4**	**110.0**	**107.0**	**89.7**	*101.4*	*98.0*	*104.7*	*99.0*	*102.5*	**111.4**	*101.4*	*102.5*
Gasoline Blending Components Inventories															
PADD 1	**28.5**	**23.6**	**22.3**	**30.8**	**32.4**	**30.5**	**26.1**	*30.0*	*33.2*	*31.8*	*30.8*	*31.0*	**30.8**	*30.0*	*31.0*
PADD 2	**15.5**	**15.3**	**15.8**	**17.1**	**17.9**	**17.6**	**18.3**	*18.5*	*18.5*	*17.7*	*17.1*	*17.1*	**17.1**	*18.5*	*17.1*
PADD 3	**26.7**	**27.2**	**26.5**	**31.6**	**35.3**	**30.9**	**27.7**	*33.0*	*34.7*	*33.8*	*33.6*	*34.2*	**31.6**	*33.0*	*34.2*
PADD 4	**1.9**	**1.9**	**1.7**	**2.0**	**1.9**	**2.2**	**2.3**	*2.7*	*2.3*	*1.8*	*1.7*	*2.1*	**2.0**	*2.7*	*2.1*
PADD 5	**19.8**	**21.0**	**20.4**	**25.2**	**23.6**	**21.7**	**20.7**	*23.0*	*21.8*	*21.4*	*21.4*	*23.5*	**25.2**	*23.0*	*23.5*
U.S. Total	**92.4**	**88.9**	**86.8**	**106.7**	**111.2**	**102.8**	**95.1**	*107.2*	*110.5*	*106.6*	*104.6*	*108.0*	**106.7**	*107.2*	*108.0*

- = no data available

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Regions refer to Petroleum Administration for Defense Districts (PADD).

See "Petroleum for Administration Defense District" in EIA's Energy Glossary (http://www.eia.doe.gov/glossary/index.html) for a list of States in each region.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Petroleum Marketing Monthly* , DOE/EIA-0380; *Petroleum Supply Monthly* , DOE/EIA-0109; *Petroleum Supply Annual* , DOE/EIA-0340/2; and *Weekly Petroleum Status Report* , DOE/EIA-0208.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 4d. U.S. Regional Heating Oil Prices and Distillate Inventories

Energy Information Administration/Short-Term Energy Outlook - November 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Prices (cents per gallon)															
Refiner Wholesale Prices															
Heating Oil	**171**	**196**	**208**	**250**	**269**	**347**	**334**	*196*	*190*	*195*	*196*	*194*	**207**	*276*	*193*
Diesel Fuel	**184**	**212**	**224**	**257**	**284**	**365**	**342**	*201*	*197*	*208*	*209*	*202*	**220**	*301*	*204*
Heating Oil Residential Prices Excluding Taxes															
Northeast	**240**	**249**	**256**	**301**	**324**	**381**	**388**	*272*	*254*	*246*	*243*	*249*	**260**	*320*	*250*
South	**229**	**240**	**248**	**302**	**327**	**386**	**389**	*281*	*260*	*246*	*236*	*248*	**251**	*320*	*252*
Midwest	**224**	**247**	**259**	**299**	**319**	**389**	**372**	*275*	*251*	*243*	*242*	*246*	**252**	*314*	*247*
West	**247**	**259**	**267**	**320**	**330**	**399**	**394**	*291*	*266*	*264*	*261*	*267*	**272**	*331*	*265*
U.S. Average	**238**	**248**	**256**	**301**	**324**	**382**	**387**	*273*	*255*	*247*	*243*	*249*	**259**	*320*	*251*
Heating Oil Residential Prices Including State Taxes															
Northeast	**252**	**261**	**269**	**316**	**340**	**400**	**407**	*285*	*267*	*259*	*255*	*262*	**273**	*336*	*263*
South	**239**	**250**	**258**	**315**	**341**	**403**	**405**	*293*	*271*	*257*	*246*	*259*	**262**	*334*	*263*
Midwest	**238**	**261**	**274**	**317**	**338**	**412**	**394**	*291*	*265*	*257*	*256*	*260*	**267**	*332*	*261*
West	**254**	**266**	**273**	**328**	**339**	**410**	**404**	*299*	*273*	*270*	*267*	*274*	**279**	*340*	*272*
U.S. Average	**250**	**261**	**268**	**316**	**340**	**401**	**406**	*287*	*267*	*259*	*255*	*262*	**272**	*336*	*263*
Total Distillate End-of-period Inventories (million barrels)															
PADD 1 (East Coast)	**43.9**	**45.1**	**57.8**	**55.7**	**33.2**	**41.9**	**47.7**	*51.1*	*33.8*	*41.5*	*55.3*	*55.6*	**55.7**	*51.1*	*55.6*
PADD 2 (Midwest)	**28.5**	**30.2**	**29.2**	**30.1**	**28.5**	**30.3**	**27.7**	*30.3*	*27.9*	*29.2*	*28.7*	*29.0*	**30.1**	*30.3*	*29.0*
PADD 3 (Gulf Coast)	**32.0**	**33.5**	**32.5**	**31.3**	**29.9**	**32.4**	**32.8**	*33.8*	*30.3*	*32.3*	*31.4*	*33.0*	**31.3**	*33.8*	*33.0*
PADD 4 (Rocky Mountain)	**3.3**	**3.1**	**2.7**	**3.3**	**3.1**	**3.4**	**2.8**	*3.2*	*3.1*	*3.0*	*2.7*	*3.2*	**3.3**	*3.2*	*3.2*
PADD 5 (West Coast)	**12.4**	**11.9**	**12.0**	**13.6**	**12.5**	**13.2**	**11.8**	*13.2*	*11.5*	*11.8*	*11.5*	*12.7*	**13.6**	*13.2*	*12.7*
U.S. Total	**120.0**	**123.8**	**134.2**	**133.9**	**107.2**	**121.1**	**122.7**	*131.6*	*106.6*	*117.8*	*129.6*	*133.5*	**133.9**	*131.6*	*133.5*

- = no data available

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Regions refer to Petroleum Administration for Defense Districts (PADD) for inventories and to U.S. Census regions for prices.

See “Petroleum for Administration Defense District” and "Census region" in EIA’s Energy Glossary (http://www.eia.doe.gov/glossary/index.html) for a list of States in each region.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Petroleum Marketing Monthly* , DOE/EIA-0380; *Petroleum Supply Monthly* , DOE/EIA-0109; *Petroleum Supply Annual* , DOE/EIA-0340/2; and *Weekly Petroleum Status Report* , DOE/EIA-0208.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 4e. U.S. Regional Propane Prices and Inventories

Energy Information Administration/Short-Term Energy Outlook - November 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Prices (cents per gallon)															
Propane Wholesale Price (a)	**95**	**111**	**119**	**145**	**145**	**166**	**169**	*96*	*92*	*88*	*86*	*94*	**117**	*141*	*90*
Propane Residential Prices excluding Taxes															
Northeast	**220**	**233**	**242**	**260**	**270**	**289**	**310**	*250*	*224*	*210*	*208*	*214*	**236**	*272*	*217*
South	**207**	**212**	**207**	**244**	**257**	**267**	**274**	*236*	*220*	*194*	*181*	*197*	**219**	*253*	*205*
Midwest	**167**	**169**	**167**	**195**	**204**	**217**	**228**	*194*	*175*	*153*	*142*	*155*	**176**	*206*	*161*
West	**208**	**202**	**196**	**239**	**258**	**255**	**260**	*237*	*222*	*192*	*177*	*201*	**215**	*252*	*203*
U.S. Average	**194**	**201**	**195**	**226**	**237**	**251**	**258**	*222*	*203*	*184*	*169*	*183*	**205**	*237*	*189*
Propane Residential Prices including State Taxes															
Northeast	**230**	**244**	**252**	**271**	**282**	**302**	**324**	*262*	*234*	*219*	*218*	*223*	**247**	*284*	*226*
South	**218**	**222**	**217**	**256**	**270**	**280**	**288**	*248*	*231*	*204*	*190*	*207*	**230**	*266*	*215*
Midwest	**177**	**178**	**176**	**206**	**216**	**229**	**241**	*205*	*185*	*161*	*150*	*163*	**186**	*217*	*170*
West	**220**	**214**	**207**	**253**	**273**	**270**	**275**	*250*	*235*	*203*	*187*	*212*	**227**	*266*	*214*
U.S. Average	**203**	**211**	**205**	**238**	**250**	**265**	**272**	*233*	*214*	*193*	*178*	*193*	**215**	*249*	*199*
Propane End-of-period Inventories (million barrels)															
PADD 1 (East Coast)	**3.2**	**3.7**	**4.5**	**4.6**	**2.5**	**3.8**	**4.3**	*4.2*	*2.8*	*4.2*	*4.8*	*4.5*	**4.6**	*4.2*	*4.5*
PADD 2 (Midwest)	**8.6**	**16.6**	**23.5**	**19.4**	**9.0**	**17.8**	**24.7**	*19.5*	*8.7*	*17.1*	*23.2*	*19.3*	**19.4**	*19.5*	*19.3*
PADD 3 (Gulf Coast)	**14.2**	**21.7**	**27.5**	**25.7**	**13.3**	**19.7**	**28.5**	*25.7*	*14.8*	*25.2*	*32.8*	*28.0*	**25.7**	*25.7*	*28.0*
PADD 4 (Rocky Mountain)	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.6**	*0.5*	*0.4*	*0.4*	*0.5*	*0.4*	**0.4**	*0.5*	*0.4*
PADD 5 (West Coast)	**0.4**	**1.3**	**2.5**	**2.0**	**0.4**	**0.9**	**2.0**	*1.5*	*0.3*	*1.2*	*2.4*	*1.7*	**2.0**	*1.5*	*1.7*
U.S. Total	**26.9**	**43.7**	**58.3**	**52.0**	**25.6**	**42.6**	**60.1**	*51.4*	*26.9*	*48.1*	*63.8*	*53.9*	**52.0**	*51.4*	*53.9*

- = no data available

(a) Propane price to petrochemical sector.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Regions refer to Petroleum Administration for Defense Districts (PADD) for inventories and to U.S. Census regions for prices.

See “Petroleum for Administration Defense District” and "Census region" in EIA’s Energy Glossary (http://www.eia.doe.gov/glossary/index.html) for a list of States in each region.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Petroleum Marketing Monthly* , DOE/EIA-0380; *Petroleum Supply Monthly* , DOE/EIA-0109; *Petroleum Supply Annual* , DOE/EIA-0340/2; and *Weekly Petroleum Status Report* , DOE/EIA-0208.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 5a. U.S. Natural Gas Supply, Consumption, and Inventories

Energy Information Administration/Short-Term Energy Outlook - November 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Supply (billion cubic feet per day)															
Total Marketed Production	**53.78**	**54.67**	**55.45**	**56.90**	**58.29**	**58.88**	**58.17**	*58.65*	*60.52*	*60.26*	*59.06*	*58.78*	**55.21**	*58.50*	*59.65*
Alaska	**1.34**	**1.14**	**1.19**	**1.20**	**1.23**	**1.03**	**0.96**	*1.17*	*1.22*	*0.99*	*0.97*	*1.14*	**1.22**	*1.10*	*1.08*
Federal GOM (a)	**7.65**	**7.63**	**7.34**	**7.74**	**7.81**	**6.97**	**5.44**	*5.67*	*7.08*	*6.94*	*6.26*	*6.31*	**7.59**	*6.47*	*6.65*
Lower 48 States (excl GOM)	**44.79**	**45.89**	**46.92**	**47.96**	**49.25**	**50.87**	**51.77**	*51.82*	*52.22*	*52.33*	*51.83*	*51.33*	**46.40**	*50.93*	*51.92*
Total Dry Gas Production	**51.47**	**52.28**	**53.06**	**54.41**	**55.83**	**56.36**	**55.76**	*56.22*	*58.02*	*57.77*	*56.61*	*56.35*	**52.82**	*56.04*	*57.18*
Gross Imports	**12.98**	**12.62**	**13.11**	**11.79**	**11.95**	**9.82**	**10.22**	*9.97*	*10.22*	*9.88*	*10.59*	*10.22*	**12.62**	*10.49*	*10.23*
Pipeline	**10.93**	**9.55**	**10.64**	**10.93**	**11.12**	**8.76**	**9.21**	*9.07*	*9.36*	*8.54*	*9.26*	*9.21*	**10.51**	*9.54*	*9.09*
LNG	**2.05**	**3.07**	**2.47**	**0.86**	**0.83**	**1.06**	**1.01**	*0.91*	*0.86*	*1.34*	*1.33*	*1.01*	**2.11**	*0.95*	*1.13*
Gross Exports	**2.25**	**1.87**	**2.15**	**2.73**	**3.56**	**2.36**	**1.94**	*2.55*	*3.28*	*2.26*	*2.01*	*2.78*	**2.25**	*2.60*	*2.58*
Net Imports	**10.72**	**10.75**	**10.97**	**9.06**	**8.39**	**7.46**	**8.28**	*7.43*	*6.94*	*7.63*	*8.58*	*7.44*	**10.37**	*7.89*	*7.65*
Supplemental Gaseous Fuels	**0.20**	**0.16**	**0.18**	**0.14**	**0.13**	**0.14**	**0.16**	*0.17*	*0.15*	*0.12*	*0.14*	*0.16*	**0.17**	*0.15*	*0.14*
Net Inventory Withdrawals	**16.26**	**-10.63**	**-8.02**	**4.56**	**17.97**	**-10.23**	**-11.07**	*3.98*	*15.04*	*-10.61*	*-9.30*	*3.73*	**0.48**	*0.14*	*-0.34*
Total Supply	**78.65**	**52.55**	**56.18**	**68.16**	**82.32**	**53.74**	**53.13**	*67.80*	*80.15*	*54.90*	*56.04*	*67.67*	**63.84**	*64.23*	*64.63*
Balancing Item (b)	**0.49**	**1.26**	**0.15**	**-4.55**	**-0.29**	**1.25**	**0.74**	*-3.06*	*0.84*	*0.67*	*-0.63*	*-4.25*	**-0.67**	*-0.35*	*-0.86*
Total Primary Supply	**79.14**	**53.81**	**56.33**	**63.61**	**82.03**	**54.98**	**53.80**	*64.74*	*80.98*	*55.57*	*55.41*	*63.42*	**63.16**	*63.86*	*63.78*
Consumption (billion cubic feet per day)															
Residential	**25.78**	**8.37**	**3.77**	**14.08**	**25.89**	**8.53**	**3.84**	*15.69*	*26.58*	*8.96*	*3.93*	*15.09*	**12.94**	*13.47*	*13.58*
Commercial	**14.01**	**6.19**	**4.10**	**8.76**	**14.32**	**6.26**	**4.20**	*9.29*	*14.40*	*6.41*	*4.31*	*9.12*	**8.24**	*8.51*	*8.53*
Industrial	**19.74**	**17.06**	**17.05**	**18.86**	**20.52**	**17.62**	**16.80**	*18.22*	*19.85*	*17.31*	*16.53*	*17.87*	**18.17**	*18.29*	*17.88*
Electric Power (c)	**14.29**	**17.50**	**26.61**	**16.82**	**15.62**	**17.59**	**24.06**	*16.31*	*14.29*	*17.80*	*25.63*	*16.11*	**18.83**	*18.40*	*18.48*
Lease and Plant Fuel	**3.12**	**3.17**	**3.22**	**3.30**	**3.38**	**3.41**	**3.37**	*3.40*	*3.51*	*3.49*	*3.42*	*3.41*	**3.20**	*3.39*	*3.46*
Pipeline and Distribution Use	**2.14**	**1.45**	**1.52**	**1.72**	**2.21**	**1.48**	**1.52**	*1.74*	*2.26*	*1.52*	*1.49*	*1.74*	**1.70**	*1.74*	*1.75*
Vehicle Use	**0.07**	**0.07**	**0.07**	**0.07**	**0.08**	**0.08**	**0.08**	*0.08*	*0.09*	*0.09*	*0.09*	*0.09*	**0.07**	*0.08*	*0.09*
Total Consumption	**79.14**	**53.81**	**56.33**	**63.61**	**82.03**	**54.98**	**53.87**	*64.74*	*80.98*	*55.57*	*55.41*	*63.42*	**63.16**	*63.88*	*63.78*
End-of-period Inventories (billion cubic feet)															
Working Gas Inventory	**1,603**	**2,580**	**3,316**	**2,879**	**1,247**	**2,171**	**3,160**	*2,853*	*1,500*	*2,466*	*3,321*	*2,978*	**2,879**	*2,853*	*2,978*
Producing Region (d)	**649**	**899**	**979**	**909**	**497**	**705**	**852**	*842*	*572*	*832*	*983*	*936*	**909**	*842*	*936*
East Consuming Region (d)	**715**	**1,309**	**1,898**	**1,586**	**574**	**1,157**	**1,880**	*1,629*	*693*	*1,274*	*1,895*	*1,646*	**1,586**	*1,629*	*1,646*
West Consuming Region (d)	**239**	**372**	**438**	**384**	**176**	**310**	**428**	*382*	*235*	*360*	*443*	*395*	**384**	*382*	*395*

- = no data available

(a) Marketed production from U.S. Federal leases in the Gulf of Mexico.

(b) The balancing item represents the difference between the sum of the components of natural gas supply and the sum of components of natural gas demand.

(c) Natural gas used for electricity generation and (a limited amount of) useful thermal output by electric utilities and independent power producers.

(d) For a list of States in each inventory region refer to*Methodology for EIA Weekly Underground Natural Gas Storage Estimates* (http://tonto.eia.doe.gov/oog/info/ngs/methodology.html).

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

LNG: liquefied natural gas.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports:*Natural Gas Monthly* , DOE/EIA-0130; and *Electric Power Monthly* , DOE/EIA-0226.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 5b. U.S. Regional Natural Gas Consumption (Billion Cubic Feet/ Day)

Energy Information Administration/Short-Term Energy Outlook - November 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Residential Sector															
New England	**1.02**	**0.41**	**0.14**	**0.50**	**0.98**	**0.39**	**0.16**	*0.53*	*1.07*	*0.41*	*0.15*	*0.49*	**0.52**	*0.51*	*0.53*
Middle Atlantic	**4.67**	**1.63**	**0.64**	**2.59**	**4.46**	**1.57**	**0.64**	*2.66*	*4.90*	*1.79*	*0.67*	*2.48*	**2.37**	*2.33*	*2.45*
E. N. Central	**7.46**	**2.26**	**0.85**	**4.07**	**7.67**	**2.32**	**0.90**	*4.73*	*7.69*	*2.37*	*0.87*	*4.52*	**3.64**	*3.90*	*3.85*
W. N. Central	**2.42**	**0.66**	**0.27**	**1.31**	**2.66**	**0.79**	**0.27**	*1.38*	*2.49*	*0.73*	*0.29*	*1.38*	**1.16**	*1.27*	*1.22*
S. Atlantic	**2.37**	**0.67**	**0.32**	**1.33**	**2.24**	**0.58**	**0.33**	*1.62*	*2.61*	*0.71*	*0.35*	*1.49*	**1.17**	*1.19*	*1.28*
E. S. Central	**1.03**	**0.25**	**0.12**	**0.46**	**1.06**	**0.26**	**0.12**	*0.59*	*1.12*	*0.28*	*0.12*	*0.54*	**0.46**	*0.51*	*0.51*
W. S. Central	**2.02**	**0.54**	**0.30**	**0.78**	**1.89**	**0.51**	**0.28**	*0.94*	*1.90*	*0.53*	*0.30*	*0.87*	**0.90**	*0.90*	*0.89*
Mountain	**1.90**	**0.61**	**0.29**	**1.13**	**1.96**	**0.70**	**0.32**	*1.25*	*1.94*	*0.69*	*0.29*	*1.29*	**0.98**	*1.05*	*1.05*
Pacific	**2.89**	**1.34**	**0.84**	**1.92**	**2.97**	**1.41**	**0.82**	*1.98*	*2.86*	*1.44*	*0.90*	*2.02*	**1.74**	*1.79*	*1.80*
Total	**25.78**	**8.37**	**3.77**	**14.08**	**25.89**	**8.53**	**3.84**	*15.69*	*26.58*	*8.96*	*3.93*	*15.09*	**12.94**	*13.47*	*13.58*
Commercial Sector															
New England	**0.61**	**0.27**	**0.14**	**0.34**	**0.60**	**0.26**	**0.15**	*0.34*	*0.61*	*0.27*	*0.15*	*0.34*	**0.34**	*0.34*	*0.34*
Middle Atlantic	**2.70**	**1.27**	**0.87**	**1.73**	**2.69**	**1.18**	**0.87**	*1.76*	*2.83*	*1.34*	*0.87*	*1.69*	**1.64**	*1.63*	*1.68*
E. N. Central	**3.49**	**1.28**	**0.68**	**2.06**	**3.73**	**1.31**	**0.70**	*2.21*	*3.63*	*1.30*	*0.73*	*2.21*	**1.87**	*1.98*	*1.96*
W. N. Central	**1.44**	**0.50**	**0.29**	**0.85**	**1.56**	**0.55**	**0.30**	*0.89*	*1.44*	*0.52*	*0.32*	*0.88*	**0.77**	*0.82*	*0.79*
S. Atlantic	**1.59**	**0.77**	**0.54**	**1.05**	**1.51**	**0.72**	**0.56**	*1.18*	*1.67*	*0.76*	*0.56*	*1.13*	**0.98**	*0.99*	*1.03*
E. S. Central	**0.64**	**0.25**	**0.17**	**0.36**	**0.65**	**0.25**	**0.17**	*0.41*	*0.65*	*0.24*	*0.18*	*0.38*	**0.35**	*0.37*	*0.36*
W. S. Central	**1.16**	**0.57**	**0.44**	**0.68**	**1.14**	**0.60**	**0.48**	*0.77*	*1.18*	*0.58*	*0.48*	*0.76*	**0.71**	*0.74*	*0.75*
Mountain	**1.05**	**0.44**	**0.27**	**0.66**	**1.08**	**0.49**	**0.29**	*0.69*	*1.04*	*0.51*	*0.30*	*0.70*	**0.60**	*0.64*	*0.64*
Pacific	**1.32**	**0.84**	**0.69**	**1.04**	**1.35**	**0.89**	**0.69**	*1.04*	*1.34*	*0.89*	*0.71*	*1.03*	**0.97**	*0.99*	*0.99*
Total	**14.01**	**6.19**	**4.10**	**8.76**	**14.32**	**6.26**	**4.20**	*9.29*	*14.40*	*6.41*	*4.31*	*9.12*	**8.24**	*8.51*	*8.53*
Industrial Sector															
New England	**0.33**	**0.22**	**0.16**	**0.26**	**0.36**	**0.22**	**0.15**	*0.24*	*0.33*	*0.22*	*0.17*	*0.23*	**0.24**	*0.24*	*0.23*
Middle Atlantic	**1.07**	**0.85**	**0.81**	**0.96**	**1.13**	**0.84**	**0.75**	*0.94*	*1.10*	*0.86*	*0.77*	*0.91*	**0.92**	*0.91*	*0.91*
E. N. Central	**3.84**	**2.75**	**2.54**	**3.16**	**3.84**	**2.88**	**2.53**	*3.21*	*3.79*	*2.79*	*2.48*	*3.12*	**3.07**	*3.11*	*3.04*
W. N. Central	**1.40**	**1.16**	**1.25**	**1.44**	**1.57**	**1.25**	**1.20**	*1.34*	*1.40*	*1.13*	*1.17*	*1.30*	**1.31**	*1.34*	*1.25*
S. Atlantic	**1.52**	**1.38**	**1.34**	**1.47**	**1.59**	**1.41**	**1.35**	*1.48*	*1.59*	*1.39*	*1.29*	*1.41*	**1.43**	*1.46*	*1.42*
E. S. Central	**1.38**	**1.19**	**1.11**	**1.29**	**1.41**	**1.21**	**1.09**	*1.24*	*1.35*	*1.16*	*1.06*	*1.20*	**1.24**	*1.24*	*1.19*
W. S. Central	**6.86**	**6.56**	**6.58**	**6.81**	**7.08**	**6.69**	**6.57**	*6.45*	*6.87*	*6.60*	*6.42*	*6.37*	**6.70**	*6.70*	*6.56*
Mountain	**0.90**	**0.69**	**0.73**	**0.86**	**0.96**	**0.75**	**0.68**	*0.84*	*0.90*	*0.74*	*0.69*	*0.81*	**0.80**	*0.81*	*0.79*
Pacific	**2.42**	**2.27**	**2.54**	**2.61**	**2.58**	**2.37**	**2.47**	*2.50*	*2.53*	*2.42*	*2.49*	*2.51*	**2.46**	*2.48*	*2.49*
Total	**19.74**	**17.06**	**17.05**	**18.86**	**20.52**	**17.62**	**16.80**	*18.22*	*19.85*	*17.31*	*16.53*	*17.87*	**18.17**	*18.29*	*17.88*

- = no data available

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Regions refer to U.S. Census divisions.

See "Census division" in EIA's Energy Glossary (http://www.eia.doe.gov/glossary/index.html) for a list of States in each region.

Historical data: Latest data available from Energy Information Administration databases supporting the *Natural Gas Monthly* , DOE/EIA-0130.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 5c. U.S. Regional Natural Gas Prices (dollars per thousand cubic feet)

Energy Information Administration/Short-Term Energy Outlook - November 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Wholesale/Spot															
U.S. Average Wellhead	**6.37**	**6.89**	**5.90**	**6.39**	**7.62**	**9.86**	**8.80**	*6.48*	*6.42*	*5.81*	*5.64*	*6.07*	**6.39**	*8.19*	*5.98*
Henry Hub Spot Price	**7.41**	**7.76**	**6.35**	**7.19**	**8.92**	**11.73**	**9.29**	*7.09*	*7.18*	*6.64*	*6.42*	*7.05*	**7.17**	*9.25*	*6.82*
Residential															
New England	**15.99**	**16.91**	**19.07**	**16.45**	**16.18**	**18.02**	**21.48**	*17.38*	*16.82*	*15.85*	*18.08*	*16.13*	**16.50**	*17.24*	*16.56*
Middle Atlantic	**14.22**	**15.75**	**18.61**	**15.07**	**14.70**	**17.28**	**21.85**	*15.94*	*14.32*	*14.76*	*17.88*	*14.60*	**15.01**	*15.98*	*14.72*
E. N. Central	**10.98**	**12.81**	**15.29**	**11.36**	**11.40**	**14.94**	**19.26**	*12.06*	*11.07*	*11.77*	*14.33*	*10.99*	**11.62**	*12.58*	*11.34*
W. N. Central	**11.38**	**13.48**	**17.33**	**11.39**	**11.20**	**14.43**	**20.51**	*12.45*	*10.99*	*11.77*	*15.32*	*11.18*	**12.04**	*12.54*	*11.42*
S. Atlantic	**14.90**	**18.56**	**24.29**	**16.20**	**15.33**	**20.88**	**26.82**	*17.39*	*14.92*	*16.81*	*21.65*	*15.94*	**16.45**	*17.50*	*15.94*
E. S. Central	**13.16**	**15.69**	**18.46**	**14.26**	**13.39**	**17.51**	**22.20**	*15.11*	*13.23*	*14.09*	*17.47*	*14.31*	**14.12**	*14.95*	*13.89*
W. S. Central	**10.69**	**14.49**	**16.81**	**13.37**	**11.92**	**17.92**	**21.07**	*13.60*	*11.10*	*12.76*	*16.01*	*13.19*	**12.35**	*13.92*	*12.27*
Mountain	**10.61**	**11.73**	**14.44**	**10.14**	**10.45**	**12.35**	**16.05**	*11.45*	*10.87*	*10.79*	*13.49*	*10.24*	**10.93**	*11.48*	*10.84*
Pacific	**11.73**	**12.64**	**12.56**	**11.64**	**12.12**	**14.37**	**15.74**	*12.10*	*11.85*	*11.02*	*11.63*	*11.28*	**11.98**	*12.97*	*11.50*
U.S. Average	**12.31**	**14.18**	**16.41**	**12.65**	**12.46**	**15.57**	**19.40**	*13.47*	*12.30*	*12.64*	*15.01*	*12.30*	**13.00**	*13.74*	*12.55*
Commercial															
New England	**14.12**	**14.20**	**13.45**	**13.69**	**14.21**	**15.31**	**17.15**	*14.62*	*14.26*	*13.06*	*12.65*	*13.48*	**13.97**	*14.82*	*13.68*
Middle Atlantic	**12.45**	**12.08**	**10.91**	**12.29**	**13.02**	**14.46**	**14.46**	*12.78*	*12.39*	*11.15*	*10.42*	*11.54*	**12.14**	*13.31*	*11.70*
E. N. Central	**10.67**	**11.12**	**10.86**	**10.14**	**10.54**	**13.09**	**14.52**	*11.10*	*10.47*	*9.96*	*10.19*	*9.96*	**10.66**	*11.39*	*10.23*
W. N. Central	**10.62**	**10.84**	**10.63**	**9.92**	**10.59**	**12.31**	**13.77**	*11.04*	*10.56*	*9.89*	*9.92*	*9.87*	**10.46**	*11.25*	*10.20*
S. Atlantic	**12.71**	**12.82**	**12.68**	**12.77**	**13.05**	**14.64**	**15.29**	*13.26*	*12.84*	*12.02*	*11.95*	*12.26*	**12.74**	*13.66*	*12.41*
E. S. Central	**12.00**	**12.53**	**12.88**	**12.60**	**12.40**	**14.65**	**16.01**	*13.48*	*12.57*	*11.66*	*11.37*	*11.81*	**12.34**	*13.48*	*12.08*
W. S. Central	**9.66**	**10.61**	**10.51**	**10.75**	**10.61**	**13.17**	**13.39**	*10.89*	*10.00*	*9.31*	*9.62*	*10.26*	**10.22**	*11.60*	*9.88*
Mountain	**9.67**	**10.03**	**10.64**	**9.25**	**9.52**	**10.52**	**11.94**	*10.40*	*10.13*	*9.27*	*9.59*	*9.42*	**9.72**	*10.21*	*9.70*
Pacific	**11.06**	**11.04**	**10.72**	**10.55**	**11.23**	**12.45**	**13.43**	*11.18*	*10.80*	*9.51*	*9.31*	*9.87*	**10.86**	*11.82*	*10.03*
U.S. Average	**11.37**	**11.59**	**11.23**	**10.99**	**11.37**	**13.13**	**14.15**	*11.86*	*11.35*	*10.46*	*10.37*	*10.69*	**11.31**	*12.13*	*10.90*
Industrial															
New England	**12.87**	**12.51**	**10.48**	**11.98**	**13.06**	**14.44**	**15.29**	*12.81*	*12.89*	*11.30*	*10.20*	*11.63*	**12.21**	*13.61*	*11.81*
Middle Atlantic	**11.64**	**10.83**	**9.74**	**10.90**	**12.43**	**13.32**	**13.59**	*11.47*	*11.20*	*9.45*	*9.01*	*10.38*	**10.94**	*12.46*	*10.24*
E. N. Central	**9.65**	**9.99**	**9.68**	**9.29**	**9.85**	**11.73**	**12.32**	*9.58*	*9.35*	*8.88*	*8.69*	*9.08*	**9.62**	*10.45*	*9.10*
W. N. Central	**8.85**	**8.07**	**6.94**	**7.78**	**9.12**	**10.29**	**10.60**	*8.59*	*8.31*	*7.17*	*6.96*	*7.84*	**7.95**	*9.55*	*7.63*
S. Atlantic	**9.38**	**9.40**	**8.74**	**9.35**	**10.53**	**12.61**	**12.31**	*9.75*	*9.32*	*8.54*	*8.36*	*9.05*	**9.24**	*11.02*	*8.87*
E. S. Central	**8.88**	**8.87**	**7.99**	**8.45**	**9.43**	**11.55**	**11.72**	*9.08*	*8.70*	*7.91*	*7.73*	*8.46*	**8.58**	*10.25*	*8.25*
W. S. Central	**6.99**	**7.61**	**6.21**	**6.80**	**8.12**	**10.90**	**10.28**	*7.38*	*7.12*	*6.55*	*6.46*	*6.86*	**6.89**	*9.16*	*6.75*
Mountain	**9.44**	**9.07**	**8.51**	**8.55**	**9.29**	**9.98**	**10.41**	*9.36*	*9.16*	*8.23*	*7.93*	*8.38*	**8.92**	*9.68*	*8.48*
Pacific	**9.00**	**8.12**	**7.54**	**8.68**	**9.74**	**10.82**	**10.95**	*9.32*	*8.88*	*7.21*	*6.78*	*7.72*	**8.34**	*10.11*	*7.70*
U.S. Average	**7.97**	**8.08**	**6.75**	**7.51**	**8.90**	**11.10**	**10.70**	*8.22*	*8.03*	*7.08*	*6.86*	*7.53*	**7.59**	*9.64*	*7.40*

- = no data available

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Regions refer to U.S. Census divisions.

See "Census division" in EIA's Energy Glossary (http://www.eia.doe.gov/glossary/index.html) for a list of States in each region.

Historical data: Latest data available from Energy Information Administration databases supporting the *Natural Gas Monthly* , DOE/EIA-0130.

Natural gas Henry Hub spot price from NGI's *Daily Gas Price Index* (http://Intelligencepress.com).

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 6. U.S. Coal Supply, Consumption, and Inventories

Energy Information Administration/Short-Term Energy Outlook - November 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Supply (million short tons)															
Production	**286.0**	**285.7**	**286.0**	**288.9**	**289.1**	**283.9**	**297.2**	*300.0*	*285.3*	*280.5*	*289.2*	*309.8*	**1146.6**	*1170.3*	*1164.7*
Appalachia	**99.5**	**95.5**	**91.6**	**91.9**	**97.8**	**99.1**	**97.4**	*95.3*	*96.5*	*97.1*	*94.7*	*98.4*	**378.5**	*389.6*	*386.8*
Interior	**38.1**	**36.4**	**37.0**	**35.6**	**35.5**	**35.0**	**36.5**	*37.0*	*35.0*	*34.6*	*35.5*	*38.2*	**147.1**	*144.0*	*143.3*
Western	**148.4**	**153.8**	**157.4**	**161.4**	**155.8**	**149.8**	**163.3**	*167.7*	*153.8*	*148.8*	*158.9*	*173.1*	**621.0**	*636.7*	*634.6*
Primary Inventory Withdrawals	**2.5**	**1.5**	**2.4**	**-3.9**	**1.5**	**1.1**	**1.2**	*2.9*	*-1.6*	*-3.0*	*7.6*	*-0.3*	**2.6**	*6.7*	*2.6*
Imports	**8.8**	**8.4**	**10.6**	**8.6**	**7.6**	**9.0**	**8.3**	*8.7*	*7.9*	*9.1*	*9.1*	*8.9*	**36.3**	*33.7*	*35.0*
Exports	**11.1**	**14.7**	**16.2**	**17.1**	**15.8**	**23.1**	**19.6**	*23.6*	*15.5*	*22.3*	*24.5*	*24.2*	**59.2**	*82.0*	*86.5*
Metallurgical Coal	**6.7**	**7.9**	**9.2**	**8.4**	**9.1**	**12.6**	**10.2**	*11.3*	*9.0*	*13.7*	*13.8*	*12.1*	**32.2**	*43.1*	*48.5*
Steam Coal	**4.4**	**6.8**	**7.0**	**8.7**	**6.7**	**10.5**	**9.3**	*12.3*	*6.5*	*8.6*	*10.7*	*12.1*	**27.0**	*38.9*	*37.9*
Total Primary Supply	**286.2**	**280.9**	**282.8**	**276.5**	**282.5**	**270.9**	**287.2**	*288.0*	*276.1*	*264.3*	*281.3*	*294.1*	**1126.4**	*1128.6*	*1115.9*
Secondary Inventory Withdrawals	**-0.8**	**-13.3**	**12.8**	**-7.0**	**5.0**	**-7.6**	**14.6**	*-12.7*	*0.6*	*-5.0*	*17.0*	*-16.1*	**-8.3**	*-0.6*	*-3.6*
Waste Coal (a)	**3.2**	**3.4**	**3.8**	**3.7**	**3.6**	**3.7**	**3.7**	*3.7*	*3.7*	*3.7*	*3.7*	*3.7*	**14.1**	*14.9*	*15.0*
Total Supply	**288.7**	**271.0**	**299.3**	**273.2**	**291.1**	**267.0**	**305.6**	*279.1*	*280.5*	*263.1*	*302.0*	*281.7*	**1132.2**	*1142.8*	*1127.3*
Consumption (million short tons)															
Coke Plants	**5.6**	**5.7**	**5.7**	**5.7**	**5.5**	**5.6**	**5.3**	*5.4*	*5.3*	*5.6*	*5.7*	*5.7*	**22.7**	*21.8*	*22.4*
Electric Power Sector (b)	**257.4**	**247.1**	**284.3**	**257.6**	**262.9**	**248.2**	**278.6**	*257.0*	*258.5*	*243.3*	*281.3*	*259.3*	**1046.4**	*1046.7*	*1042.4*
Retail and Other Industry	**15.6**	**14.8**	**14.4**	**15.3**	**15.1**	**14.6**	**15.0**	*16.6*	*16.7*	*14.1*	*15.1*	*16.7*	**60.1**	*61.2*	*62.6*
Residential and Commercial	**1.1**	**0.7**	**0.7**	**1.1**	**1.0**	**0.7**	**0.7**	*1.0*	*1.0*	*0.6*	*0.6*	*1.0*	**3.5**	*3.4*	*3.2*
Other Industrial	**14.6**	**14.1**	**13.7**	**14.2**	**14.0**	**13.8**	**14.3**	*15.6*	*15.7*	*13.6*	*14.4*	*15.7*	**56.6**	*57.8*	*59.4*
Total Consumption	**278.6**	**267.6**	**304.4**	**278.6**	**283.4**	**268.4**	**298.8**	*279.1*	*280.5*	*263.1*	*302.0*	*281.7*	**1129.3**	*1129.8*	*1127.3*
Discrepancy (c)	**10.0**	**3.4**	**-5.1**	**-5.5**	**7.7**	**-1.3**	**6.7**	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	**2.9**	*13.1*	*0.0*
End-of-period Inventories (million short tons)															
Primary Inventories (d)	**34.0**	**32.5**	**30.1**	**34.0**	**32.5**	**31.4**	**30.2**	*27.3*	*28.9*	*31.9*	*24.3*	*24.7*	**34.0**	*27.3*	*24.7*
Secondary Inventories (e)	**151.2**	**164.4**	**151.7**	**158.7**	**153.6**	**161.3**	**146.6**	*159.3*	*158.7*	*163.7*	*146.8*	*162.9*	**158.7**	*159.3*	*162.9*
Electric Power Sector	**143.0**	**156.4**	**143.9**	**151.1**	**147.0**	**154.0**	**139.1**	*151.6*	*151.3*	*156.1*	*138.8*	*154.8*	**151.1**	*151.6*	*154.8*
Retail and General Industry	**5.8**	**5.7**	**5.8**	**5.6**	**4.8**	**5.0**	**5.1**	*5.3*	*5.1*	*5.2*	*5.4*	*5.6*	**5.6**	*5.3*	*5.6*
Coke Plants	**2.4**	**2.4**	**2.0**	**1.9**	**1.5**	**1.8**	**1.8**	*2.0*	*1.9*	*1.9*	*2.0*	*2.0*	**1.9**	*2.0*	*2.0*
Coal Market Indicators															
Coal Miner Productivity (Tons per hour)	**6.16**	**6.16**	**6.16**	**6.16**	**6.06**	**6.06**	**6.06**	*6.06*	*6.00*	*6.00*	*6.00*	*6.00*	**6.16**	*6.06*	*6.00*
Total Raw Steel Production (Million short tons per day)	**0.279**	**0.295**	**0.299**	**0.297**	**0.302**	**0.303**	**0.298**	*0.256*	*0.286*	*0.305*	*0.309*	*0.298*	**0.293**	*0.290*	*0.300*
Cost of Coal to Electric Utilities (Dollars per million Btu)	**1.76**	**1.78**	**1.78**	**1.79**	**1.91**	**2.04**	**2.07**	*1.97*	*1.99*	*2.01*	*1.98*	*1.96*	**1.78**	*2.00*	*1.98*

- = no data available

(a) Waste coal includes waste coal and cloal slurry reprocessed into briquettes.

(b) Coal used for electricity generation and (a limited amount of) useful thermal output by electric utilities and independent power producers.

(c) The discrepancy reflects an unaccounted-for shipper and receiver reporting difference, assumed to be zero in the forecast period.

(d) Primary stocks are held at the mines, generation plants, and distribution points.

(e) Secondary stocks are held by users. It includes an estimate of stocks held at utility plants sold to nonutility generators.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Quarterly Coal Report*, DOE/EIA-0121; and *Electric Power Monthly*, DOE/EIA-0226.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 7a. U.S. Electricity Industry Overview

Energy Information Administration/Short-Term Energy Outlook - November 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Electricity Supply (billion kilowatthours per day)															
Electricity Generation	**11.09**	**10.97**	**12.72**	**10.79**	**11.14**	**11.02**	**12.34**	*10.72*	*10.96*	*10.97*	*12.62*	*10.76*	**11.40**	*11.31*	*11.33*
Electric Power Sector (a)	**10.67**	**10.56**	**12.29**	**10.38**	**10.73**	**10.63**	**11.91**	*10.30*	*10.52*	*10.55*	*12.17*	*10.33*	**10.98**	*10.89*	*10.90*
Industrial Sector	**0.40**	**0.39**	**0.41**	**0.39**	**0.38**	**0.37**	**0.41**	*0.40*	*0.41*	*0.40*	*0.42*	*0.40*	**0.40**	*0.39*	*0.41*
Commercial Sector	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	*0.02*	*0.02*	*0.02*	*0.02*	*0.02*	**0.02**	*0.02*	*0.02*
Net Imports	**0.07**	**0.11**	**0.09**	**0.07**	**0.09**	**0.09**	**0.13**	*0.09*	*0.08*	*0.07*	*0.09*	*0.05*	**0.09**	*0.10*	*0.07*
Total Supply	**11.16**	**11.08**	**12.81**	**10.86**	**11.23**	**11.11**	**12.47**	*10.81*	*11.04*	*11.04*	*12.71*	*10.81*	**11.48**	*11.41*	*11.40*
Losses and Unaccounted for (b)	**0.71**	**0.95**	**0.90**	**0.72**	**0.64**	**0.85**	**0.72**	*0.72*	*0.63*	*0.93*	*0.84*	*0.75*	**0.82**	*0.73*	*0.79*
Electricity Consumption (billion kilowatthours per day)															
Retail Sales	**10.06**	**9.74**	**11.51**	**9.76**	**10.21**	**9.88**	**11.34**	*9.70*	*10.00*	*9.72*	*11.45*	*9.66*	**10.27**	*10.29*	*10.21*
Residential Sector	**3.92**	**3.34**	**4.55**	**3.45**	**3.96**	**3.37**	**4.40**	*3.45*	*3.87*	*3.35*	*4.51*	*3.43*	**3.81**	*3.80*	*3.79*
Commercial Sector	**3.47**	**3.61**	**4.09**	**3.54**	**3.50**	**3.66**	**4.11**	*3.53*	*3.48*	*3.62*	*4.13*	*3.56*	**3.68**	*3.70*	*3.70*
Industrial Sector	**2.65**	**2.77**	**2.86**	**2.74**	**2.73**	**2.83**	**2.82**	*2.70*	*2.63*	*2.73*	*2.79*	*2.65*	**2.76**	*2.77*	*2.70*
Transportation Sector	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	*0.02*	*0.02*	*0.02*	*0.02*	*0.02*	**0.02**	*0.02*	*0.02*
Direct Use (c)	**0.39**	**0.39**	**0.41**	**0.39**	**0.38**	**0.37**	**0.40**	*0.40*	*0.41*	*0.39*	*0.42*	*0.40*	**0.39**	*0.39*	*0.41*
Total Consumption	**10.45**	**10.12**	**11.92**	**10.14**	**10.60**	**10.25**	**11.75**	*10.09*	*10.41*	*10.11*	*11.87*	*10.06*	**10.66**	*10.67*	*10.61*
Prices															
Power Generation Fuel Costs (dollars per million Btu)															
Coal	**1.76**	**1.78**	**1.78**	**1.79**	**1.91**	**2.04**	**2.07**	*1.97*	*1.99*	*2.01*	*1.98*	*1.96*	**1.78**	*2.00*	*1.98*
Natural Gas	**7.35**	**7.62**	**6.55**	**7.18**	**8.67**	**11.12**	**10.07**	*7.45*	*7.15*	*6.56*	*6.27*	*6.79*	**7.09**	*9.44*	*6.62*
Residual Fuel Oil	**7.18**	**8.36**	**8.53**	**10.71**	**13.34**	**15.07**	**16.89**	*9.85*	*8.33*	*8.10*	*8.28*	*8.78*	**8.40**	*13.89*	*8.34*
Distillate Fuel Oil	**12.44**	**14.48**	**14.75**	**18.96**	**18.89**	**24.18**	**24.68**	*14.85*	*13.62*	*13.95*	*13.97*	*13.91*	**15.17**	*20.64*	*13.87*
End-Use Prices (cents per kilowatthour)															
Residential Sector	**10.0**	**10.9**	**11.0**	**10.6**	**10.3**	**11.4**	**12.0**	*11.3*	*11.2*	*12.3*	*12.7*	*11.9*	**10.6**	*11.3*	*12.0*
Commercial Sector	**9.3**	**9.7**	**10.0**	**9.6**	**9.6**	**10.3**	**11.0**	*10.3*	*10.4*	*11.0*	*11.5*	*11.0*	**9.7**	*10.3*	*11.0*
Industrial Sector	**6.1**	**6.3**	**6.7**	**6.3**	**6.4**	**7.0**	**7.5**	*6.7*	*6.6*	*6.9*	*7.1*	*6.5*	**6.4**	*6.9*	*6.8*

- = no data available

(a) Electric utilities and independent power producers.

(b) Includes transmission and distribution losses, data collection time-frame differences, and estimation error.

(c) Direct Use represents commercial and industrial facility use of onsite net electricity generation; and electrical sales or transfers to adjacent or colocated facilities for which revenue information is not available. See Table 7.6 of the EIA *Monthly Energy Review* .

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Electric Power Monthly* , DOE/EIA-0226; and *Electric Power Annual* , DOE/EIA-0348.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 7b. U.S. Regional Electricity Retail Sales (Million Kilowatthours per Day)

Energy Information Administration/Short-Term Energy Outlook - November 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Residential Sector															
New England	**142**	**115**	**140**	**127**	**140**	**113**	**138**	*127*	*142*	*115*	*141*	*125*	**131**	*129*	*131*
Middle Atlantic	**389**	**330**	**416**	**344**	**387**	**319**	**411**	*339*	*389*	*316*	*419*	*336*	**370**	*364*	*365*
E. N. Central	**564**	**467**	**613**	**493**	**575**	**439**	**569**	*488*	*558*	*444*	*595*	*483*	**534**	*518*	*520*
W. N. Central	**300**	**245**	**344**	**258**	**316**	**238**	**318**	*253*	*295*	*240*	*332*	*254*	**287**	*281*	*280*
S. Atlantic	**966**	**843**	**1,171**	**856**	**949**	**857**	**1,101**	*868*	*942*	*830*	*1,122*	*834*	**959**	*944*	*932*
E. S. Central	**348**	**286**	**418**	**285**	**354**	**280**	**388**	*282*	*345*	*279*	*395*	*279*	**334**	*326*	*324*
W. S. Central	**505**	**462**	**684**	**463**	**528**	**523**	**705**	*450*	*492*	*512*	*734*	*471*	**529**	*552*	*553*
Mountain	**243**	**234**	**336**	**225**	**249**	**227**	**329**	*230*	*245*	*235*	*334*	*237*	**260**	*259*	*263*
Pacific contiguous	**442**	**346**	**411**	**381**	**447**	**362**	**424**	*398*	*448*	*364*	*423*	*397*	**395**	*408*	*408*
AK and HI	**16**	**14**	**14**	**15**	**16**	**14**	**14**	*15*	*16*	*14*	*14*	*15*	**15**	*14*	*15*
Total	**3,916**	**3,341**	**4,548**	**3,446**	**3,960**	**3,372**	**4,396**	*3,450*	*3,870*	*3,348*	*4,508*	*3,432*	**3,813**	*3,795*	*3,791*
Commercial Sector															
New England	**151**	**150**	**166**	**151**	**154**	**150**	**165**	*151*	*157*	*152*	*171*	*152*	**155**	*155*	*158*
Middle Atlantic	**454**	**443**	**499**	**446**	**452**	**437**	**497**	*437*	*458*	*443*	*507*	*442*	**461**	*456*	*463*
E. N. Central	**503**	**513**	**563**	**500**	**501**	**531**	**597**	*489*	*501*	*502*	*559*	*493*	**520**	*530*	*514*
W. N. Central	**256**	**261**	**300**	**258**	**261**	**259**	**290**	*253*	*249*	*253*	*289*	*252*	**269**	*266*	*261*
S. Atlantic	**778**	**829**	**944**	**812**	**781**	**839**	**927**	*811*	*782*	*842*	*956*	*816*	**841**	*839*	*849*
E. S. Central	**215**	**231**	**271**	**220**	**217**	**228**	**264**	*217*	*211*	*225*	*263*	*217*	**234**	*231*	*229*
W. S. Central	**421**	**453**	**526**	**436**	**432**	**487**	**554**	*441*	*428*	*485*	*568*	*462*	**459**	*479*	*486*
Mountain	**236**	**256**	**292**	**248**	**239**	**256**	**291**	*250*	*233*	*253*	*287*	*247*	**258**	*259*	*255*
Pacific contiguous	**442**	**454**	**506**	**456**	**445**	**457**	**504**	*462*	*440*	*451*	*506*	*463*	**464**	*467*	*465*
AK and HI	**18**	**17**	**18**	**17**	**17**	**17**	**17**	*18*	*17*	*17*	*18*	*18*	**17**	*17*	*18*
Total	**3,472**	**3,606**	**4,086**	**3,544**	**3,500**	**3,663**	**4,105**	*3,528*	*3,476*	*3,622*	*4,126*	*3,560*	**3,679**	*3,700*	*3,698*
Industrial Sector															
New England	**61**	**64**	**64**	**63**	**60**	**63**	**64**	*63*	*61*	*62*	*65*	*61*	**63**	*63*	*62*
Middle Atlantic	**195**	**202**	**208**	**204**	**198**	**203**	**201**	*194*	*196*	*200*	*207*	*196*	**203**	*199*	*200*
E. N. Central	**578**	**595**	**598**	**575**	**580**	**564**	**553**	*544*	*559*	*575*	*578*	*556*	**586**	*560*	*567*
W. N. Central	**225**	**235**	**248**	**239**	**230**	**235**	**246**	*239*	*228*	*237*	*249*	*237*	**237**	*238*	*238*
S. Atlantic	**416**	**438**	**443**	**423**	**410**	**435**	**426**	*406*	*392*	*413*	*418*	*392*	**430**	*419*	*404*
E. S. Central	**351**	**354**	**360**	**376**	**370**	**363**	**353**	*379*	*371*	*374*	*368*	*377*	**360**	*366*	*373*
W. S. Central	**407**	**428**	**450**	**429**	**458**	**499**	**490**	*442*	*415*	*431*	*442*	*412*	**428**	*472*	*425*
Mountain	**192**	**217**	**228**	**203**	**200**	**221**	**233**	*203*	*194*	*213*	*226*	*200*	**210**	*214*	*208*
Pacific contiguous	**210**	**224**	**242**	**218**	**213**	**229**	**243**	*215*	*204*	*210*	*224*	*201*	**224**	*225*	*210*
AK and HI	**14**	**14**	**15**	**14**	**14**	**14**	**14**	*14*	*13*	*14*	*15*	*14*	**14**	*14*	*14*
Total	**2,650**	**2,770**	**2,855**	**2,745**	**2,732**	**2,829**	**2,823**	*2,698*	*2,634*	*2,729*	*2,792*	*2,646*	**2,756**	*2,770*	*2,701*
Total All Sectors (a)															
New England	**356**	**330**	**371**	**343**	**355**	**328**	**368**	*342*	*362*	*330*	*378*	*340*	**350**	*348*	*353*
Middle Atlantic	**1,051**	**986**	**1,134**	**1,005**	**1,048**	**970**	**1,119**	*980*	*1,053*	*969*	*1,144*	*985*	**1,044**	*1,029*	*1,038*
E. N. Central	**1,648**	**1,576**	**1,776**	**1,569**	**1,658**	**1,536**	**1,719**	*1,523*	*1,620*	*1,522*	*1,734*	*1,533*	**1,642**	*1,609*	*1,602*
W. N. Central	**782**	**740**	**893**	**755**	**807**	**732**	**854**	*745*	*772*	*731*	*870*	*743*	**792**	*785*	*779*
S. Atlantic	**2,164**	**2,114**	**2,562**	**2,095**	**2,144**	**2,135**	**2,458**	*2,089*	*2,120*	*2,089*	*2,500*	*2,046*	**2,234**	*2,207*	*2,189*
E. S. Central	**914**	**871**	**1,049**	**881**	**941**	**871**	**1,005**	*878*	*927*	*878*	*1,027*	*873*	**929**	*924*	*926*
W. S. Central	**1,333**	**1,343**	**1,660**	**1,328**	**1,418**	**1,510**	**1,750**	*1,332*	*1,335*	*1,427*	*1,744*	*1,346*	**1,417**	*1,503*	*1,464*
Mountain	**671**	**706**	**857**	**677**	**688**	**705**	**853**	*683*	*672*	*701*	*848*	*684*	**728**	*732*	*727*
Pacific contiguous	**1,096**	**1,026**	**1,162**	**1,057**	**1,107**	**1,051**	**1,173**	*1,078*	*1,094*	*1,028*	*1,156*	*1,062*	**1,085**	*1,102*	*1,085*
AK and HI	**47**	**45**	**46**	**47**	**47**	**45**	**45**	*47*	*47*	*45*	*47*	*48*	**46**	*46*	*47*
Total	**10,061**	**9,738**	**11,511**	**9,756**	**10,214**	**9,883**	**11,345**	*9,696*	*10,002*	*9,720*	*11,447*	*9,659*	**10,269**	*10,286*	*10,209*

- = no data available

(a) Total retail sales to all sectors includes residential, commercial, industrial, and transportation sector sales.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Retail Sales represents total retail electricity sales by electric utilities and power marketers.

Regions refer to U.S. Census divisions.

See "Census division" in EIA's Energy Glossary (http://www.eia.doe.gov/glossary/index.html) for a list of States in each region.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Electric Power Monthly* , DOE/EIA-0226; and *Electric Power Annual* , DOE/EIA-0348.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 7c. U.S. Regional Electricity Prices (Cents per Kilowatthour)

Energy Information Administration/Short-Term Energy Outlook - November 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Residential Sector															
New England	**16.7**	**16.7**	**16.3**	**16.1**	**16.6**	**17.4**	**18.1**	*18.0*	*18.0*	*18.5*	*18.4*	*18.1*	**16.5**	*17.5*	*18.3*
Middle Atlantic	**12.9**	**14.3**	**14.9**	**13.9**	**13.7**	**15.2**	**16.6**	*14.9*	*14.6*	*16.0*	*17.2*	*15.9*	**14.0**	*15.1*	*15.9*
E. N. Central	**9.1**	**10.1**	**10.1**	**9.8**	**9.5**	**10.7**	**10.8**	*10.2*	*10.3*	*11.5*	*11.7*	*10.9*	**9.8**	*10.3*	*11.1*
W. N. Central	**7.4**	**8.6**	**8.9**	**7.9**	**7.6**	**9.0**	**9.5**	*8.4*	*8.3*	*9.7*	*10.1*	*8.9*	**8.2**	*8.6*	*9.2*
S. Atlantic	**9.3**	**10.1**	**10.4**	**10.1**	**9.9**	**10.7**	**11.3**	*10.9*	*10.8*	*11.7*	*12.1*	*11.6*	**10.0**	*10.7*	*11.6*
E. S. Central	**7.8**	**8.5**	**8.4**	**8.5**	**8.2**	**9.2**	**9.6**	*9.1*	*8.7*	*9.7*	*10.0*	*9.5*	**8.3**	*9.0*	*9.5*
W. S. Central	**10.8**	**11.5**	**11.4**	**11.0**	**10.5**	**12.0**	**12.8**	*11.9*	*11.4*	*12.8*	*13.3*	*12.3*	**11.2**	*11.9*	*12.6*
Mountain	**8.5**	**9.5**	**9.8**	**9.1**	**8.9**	**10.1**	**10.5**	*9.7*	*9.5*	*10.6*	*10.8*	*10.0*	**9.3**	*9.9*	*10.3*
Pacific	**11.1**	**11.8**	**12.9**	**11.3**	**11.3**	**11.7**	**12.8**	*11.8*	*11.8*	*12.7*	*13.5*	*12.2*	**11.8**	*11.9*	*12.5*
U.S. Average	**10.0**	**10.8**	**11.0**	**10.6**	**10.3**	**11.4**	**12.0**	*11.3*	*11.2*	*12.3*	*12.7*	*11.9*	**10.6**	*11.3*	*12.0*
Commercial Sector															
New England	**14.9**	**14.5**	**14.9**	**14.2**	**14.7**	**15.5**	**16.2**	*15.2*	*15.6*	*16.1*	*16.8*	*16.4*	**14.6**	*15.4*	*16.2*
Middle Atlantic	**12.3**	**13.1**	**14.1**	**13.0**	**12.9**	**14.2**	**15.9**	*14.0*	*14.1*	*15.3*	*16.7*	*15.2*	**13.1**	*14.3*	*15.4*
E. N. Central	**8.3**	**8.8**	**8.7**	**8.7**	**8.8**	**8.9**	**9.0**	*9.0*	*9.3*	*9.8*	*9.9*	*9.6*	**8.6**	*8.9*	*9.7*
W. N. Central	**6.2**	**6.9**	**7.3**	**6.4**	**6.4**	**7.3**	**7.8**	*6.8*	*7.0*	*7.8*	*8.3*	*7.2*	**6.7**	*7.1*	*7.6*
S. Atlantic	**8.5**	**8.6**	**8.8**	**8.7**	**8.8**	**9.1**	**9.7**	*9.4*	*9.5*	*9.8*	*10.2*	*10.1*	**8.6**	*9.3*	*9.9*
E. S. Central	**7.8**	**8.1**	**8.0**	**8.1**	**8.2**	**8.7**	**9.2**	*8.8*	*9.0*	*9.4*	*9.6*	*9.6*	**8.0**	*8.7*	*9.4*
W. S. Central	**9.2**	**9.4**	**9.5**	**9.4**	**9.4**	**10.3**	**11.0**	*10.2*	*10.0*	*10.6*	*10.8*	*10.5*	**9.4**	*10.3*	*10.5*
Mountain	**7.4**	**7.8**	**7.9**	**7.8**	**7.7**	**8.6**	**8.9**	*8.4*	*8.4*	*9.1*	*9.3*	*9.0*	**7.7**	*8.4*	*9.0*
Pacific	**10.1**	**11.1**	**12.4**	**10.8**	**10.0**	**11.4**	**12.7**	*11.5*	*11.2*	*12.3*	*13.5*	*12.0*	**11.2**	*11.4*	*12.3*
U.S. Average	**9.3**	**9.7**	**10.0**	**9.6**	**9.6**	**10.3**	**11.0**	*10.3*	*10.4*	*11.0*	*11.5*	*11.0*	**9.7**	*10.3*	*11.0*
Industrial Sector															
New England	**12.7**	**12.2**	**12.3**	**12.7**	**12.8**	**13.2**	**13.8**	*13.4*	*13.1*	*12.9*	*13.2*	*12.9*	**12.5**	*13.3*	*13.0*
Middle Atlantic	**7.8**	**8.1**	**8.4**	**7.9**	**8.0**	**8.6**	**8.8**	*8.3*	*8.1*	*8.3*	*8.0*	*7.8*	**8.1**	*8.4*	*8.0*
E. N. Central	**5.8**	**5.7**	**6.0**	**5.7**	**5.9**	**6.3**	**6.5**	*5.9*	*6.1*	*6.3*	*6.4*	*5.9*	**5.8**	*6.2*	*6.2*
W. N. Central	**4.8**	**5.2**	**5.5**	**4.8**	**4.9**	**5.3**	**5.9**	*5.0*	*5.0*	*5.3*	*5.8*	*5.0*	**5.1**	*5.3*	*5.3*
S. Atlantic	**5.3**	**5.5**	**6.1**	**5.7**	**5.8**	**6.1**	**6.7**	*5.9*	*5.8*	*5.9*	*6.4*	*5.8*	**5.6**	*6.1*	*6.0*
E. S. Central	**4.8**	**5.2**	**5.4**	**5.1**	**5.0**	**5.6**	**6.0**	*5.0*	*4.9*	*5.4*	*5.7*	*5.0*	**5.1**	*5.4*	*5.3*
W. S. Central	**7.0**	**7.1**	**7.1**	**7.0**	**7.3**	**8.3**	**9.1**	*8.3*	*7.9*	*8.3*	*8.4*	*7.7*	**7.1**	*8.3*	*8.1*
Mountain	**5.4**	**5.6**	**6.2**	**5.6**	**5.6**	**6.1**	**6.7**	*5.8*	*5.8*	*6.2*	*6.7*	*5.9*	**5.7**	*6.1*	*6.2*
Pacific	**7.4**	**7.7**	**8.5**	**7.9**	**7.5**	**7.9**	**9.0**	*8.3*	*7.8*	*8.2*	*9.2*	*8.5*	**7.9**	*8.2*	*8.4*
U.S. Average	**6.1**	**6.3**	**6.7**	**6.3**	**6.4**	**7.0**	**7.5**	*6.7*	*6.6*	*6.9*	*7.1*	*6.5*	**6.4**	*6.9*	*6.8*
All Sectors (a)															
New England	**15.3**	**14.8**	**15.0**	**14.6**	**15.1**	**15.7**	**16.5**	*15.9*	*16.1*	*16.3*	*16.7*	*16.3*	**14.9**	*15.8*	*16.4*
Middle Atlantic	**11.7**	**12.5**	**13.3**	**12.2**	**12.2**	**13.3**	**14.9**	*13.1*	*13.2*	*14.0*	*15.3*	*14.0*	**12.5**	*13.4*	*14.1*
E. N. Central	**7.7**	**8.0**	**8.3**	**7.9**	**8.0**	**8.5**	**8.8**	*8.3*	*8.5*	*9.0*	*9.3*	*8.7*	**8.0**	*8.4*	*8.9*
W. N. Central	**6.2**	**6.9**	**7.4**	**6.4**	**6.4**	**7.2**	**7.9**	*6.8*	*6.9*	*7.6*	*8.3*	*7.1*	**6.8**	*7.1*	*7.5*
S. Atlantic	**8.3**	**8.5**	**9.1**	**8.6**	**8.7**	**9.1**	**9.9**	*9.3*	*9.4*	*9.8*	*10.4*	*9.9*	**8.6**	*9.3*	*9.9*
E. S. Central	**6.6**	**7.0**	**7.3**	**6.9**	**6.9**	**7.6**	**8.2**	*7.2*	*7.3*	*7.8*	*8.4*	*7.6*	**7.0**	*7.5*	*7.8*
W. S. Central	**9.2**	**9.4**	**9.6**	**9.2**	**9.1**	**10.2**	**11.2**	*10.2*	*9.9*	*10.7*	*11.2*	*10.3*	**9.4**	*10.2*	*10.6*
Mountain	**7.2**	**7.7**	**8.2**	**7.6**	**7.5**	**8.3**	**8.9**	*8.1*	*8.1*	*8.7*	*9.2*	*8.4*	**7.7**	*8.2*	*8.6*
Pacific	**10.0**	**10.6**	**11.8**	**10.4**	**10.0**	**10.7**	**11.9**	*11.0*	*10.8*	*11.6*	*12.7*	*11.4*	**10.7**	*10.9*	*11.6*
U.S. Average	**8.7**	**9.1**	**9.6**	**9.0**	**9.0**	**9.7**	**10.5**	*9.7*	*9.7*	*10.3*	*10.9*	*10.1*	**9.1**	*9.8*	*10.3*

- = no data available

(a) Volume-weighted average of retail prices to residential, commercial, industrial, and transportation sectors.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Regions refer to U.S. Census divisions.

See "Census division" in EIA's Energy Glossary (http://www.eia.doe.gov/glossary/index.html) for a list of States in each region.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Electric Power Monthly* , DOE/EIA-0226; and *Electric Power Annual* , DOE/EIA-0348.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 7d. U.S. Electricity Generation by Fuel and Sector (Billion Kilowatthours per day)

Energy Information Administration/Short-Term Energy Outlook - November 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Electric Power Sector (a)															
Coal	**5.498**	**5.206**	**5.882**	**5.353**	**5.561**	**5.163**	**5.724**	*5.280*	*5.447*	*5.048*	*5.740*	*5.304*	**5.485**	*5.433*	*5.385*
Natural Gas	**1.722**	**2.084**	**3.092**	**2.009**	**1.899**	**2.061**	**2.838**	*1.946*	*1.710*	*2.105*	*3.035*	*1.928*	**2.230**	*2.187*	*2.197*
Other Gases	**0.011**	**0.010**	**0.011**	**0.010**	**0.016**	**0.015**	**0.013**	*0.010*	*0.011*	*0.011*	*0.011*	*0.010*	**0.011**	*0.014*	*0.011*
Petroleum	**0.212**	**0.160**	**0.183**	**0.119**	**0.115**	**0.119**	**0.139**	*0.144*	*0.155*	*0.140*	*0.158*	*0.117*	**0.168**	*0.129*	*0.142*
Residual Fuel Oil	**0.136**	**0.098**	**0.117**	**0.064**	**0.053**	**0.065**	**0.082**	*0.074*	*0.080*	*0.070*	*0.082*	*0.048*	**0.104**	*0.069*	*0.070*
Distillate Fuel Oil	**0.029**	**0.018**	**0.023**	**0.017**	**0.022**	**0.018**	**0.016**	*0.019*	*0.022*	*0.018*	*0.019*	*0.019*	**0.022**	*0.019*	*0.019*
Petroleum Coke	**0.040**	**0.040**	**0.039**	**0.035**	**0.035**	**0.032**	**0.038**	*0.049*	*0.049*	*0.050*	*0.055*	*0.048*	**0.038**	*0.038*	*0.050*
Other Petroleum	**0.006**	**0.004**	**0.005**	**0.003**	**0.004**	**0.003**	**0.003**	*0.002*	*0.005*	*0.002*	*0.003*	*0.002*	**0.004**	*0.003*	*0.003*
Nuclear	**2.262**	**2.102**	**2.316**	**2.159**	**2.201**	**2.114**	**2.310**	*2.114*	*2.235*	*2.164*	*2.303*	*2.138*	**2.210**	*2.185*	*2.210*
Pumped Storage Hydroelectric	**-0.016**	**-0.016**	**-0.022**	**-0.023**	**-0.018**	**-0.012**	**-0.024**	*-0.020*	*-0.017*	*-0.016*	*-0.018*	*-0.017*	**-0.019**	*-0.018*	*-0.017*
Other Fuels (b)	**0.019**	**0.020**	**0.020**	**0.019**	**0.019**	**0.022**	**0.020**	*0.021*	*0.022*	*0.022*	*0.024*	*0.022*	**0.020**	*0.021*	*0.023*
Renewables:															
Conventional Hydroelectric	**0.761**	**0.791**	**0.618**	**0.529**	**0.710**	**0.885**	**0.671**	*0.574*	*0.714*	*0.805*	*0.677*	*0.593*	**0.674**	*0.710*	*0.697*
Geothermal	**0.041**	**0.039**	**0.041**	**0.041**	**0.038**	**0.041**	**0.042**	*0.042*	*0.043*	*0.042*	*0.043*	*0.043*	**0.041**	*0.041*	*0.043*
Solar	**0.001**	**0.002**	**0.002**	**0.001**	**0.001**	**0.003**	**0.003**	*0.001*	*0.001*	*0.003*	*0.003*	*0.001*	**0.002**	*0.002*	*0.002*
Wind	**0.090**	**0.093**	**0.076**	**0.094**	**0.122**	**0.146**	**0.107**	*0.116*	*0.132*	*0.159*	*0.120*	*0.121*	**0.088**	*0.123*	*0.133*
Wood and Wood Waste	**0.030**	**0.026**	**0.029**	**0.028**	**0.030**	**0.026**	**0.032**	*0.030*	*0.031*	*0.028*	*0.032*	*0.030*	**0.028**	*0.030*	*0.030*
Other Renewables	**0.041**	**0.039**	**0.041**	**0.039**	**0.038**	**0.041**	**0.039**	*0.039*	*0.040*	*0.042*	*0.044*	*0.043*	**0.040**	*0.039*	*0.042*
Subtotal Electric Power Sector	**10.670**	**10.558**	**12.290**	**10.378**	**10.733**	**10.625**	**11.914**	*10.298*	*10.525*	*10.552*	*12.172*	*10.333*	**10.977**	*10.893*	*10.898*
Commercial Sector (c)															
Coal	**0.004**	**0.003**	**0.004**	**0.004**	**0.005**	**0.004**	**0.004**	*0.003*	*0.004*	*0.003*	*0.004*	*0.003*	**0.004**	*0.004*	*0.003*
Natural Gas	**0.012**	**0.012**	**0.013**	**0.012**	**0.013**	**0.011**	**0.013**	*0.012*	*0.013*	*0.011*	*0.013*	*0.012*	**0.012**	*0.012*	*0.012*
Petroleum	**0.001**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	*0.000*	*0.001*	*0.001*	*0.001*	*0.001*	**0.001**	*0.000*	*0.001*
Other Fuels (b)	**0.002**	**0.002**	**0.002**	**0.002**	**0.002**	**0.002**	**0.002**	*0.002*	*0.002*	*0.002*	*0.002*	*0.002*	**0.002**	*0.002*	*0.002*
Renewables (d)	**0.004**	**0.004**	**0.005**	**0.005**	**0.004**	**0.005**	**0.004**	*0.004*	*0.004*	*0.005*	*0.005*	*0.005*	**0.004**	*0.004*	*0.004*
Subtotal Commercial Sector	**0.023**	**0.023**	**0.024**	**0.023**	**0.024**	**0.023**	**0.024**	*0.022*	*0.023*	*0.022*	*0.024*	*0.023*	**0.023**	*0.023*	*0.023*
Industrial Sector (c)															
Coal	**0.048**	**0.047**	**0.049**	**0.045**	**0.046**	**0.048**	**0.051**	*0.048*	*0.047*	*0.044*	*0.047*	*0.046*	**0.047**	*0.048*	*0.046*
Natural Gas	**0.201**	**0.194**	**0.216**	**0.209**	**0.208**	**0.195**	**0.217**	*0.212*	*0.222*	*0.214*	*0.230*	*0.215*	**0.205**	*0.208*	*0.220*
Other Gases	**0.032**	**0.034**	**0.032**	**0.028**	**0.028**	**0.030**	**0.032**	*0.029*	*0.030*	*0.032*	*0.033*	*0.029*	**0.032**	*0.030*	*0.031*
Petroleum	**0.013**	**0.012**	**0.010**	**0.010**	**0.008**	**0.007**	**0.009**	*0.011*	*0.011*	*0.010*	*0.011*	*0.012*	**0.011**	*0.009*	*0.011*
Other Fuels (b)	**0.016**	**0.017**	**0.016**	**0.016**	**0.009**	**0.008**	**0.013**	*0.016*	*0.010*	*0.009*	*0.014*	*0.016*	**0.016**	*0.012*	*0.012*
Renewables:															
Conventional Hydroelectric	**0.009**	**0.007**	**0.005**	**0.004**	**0.009**	**0.006**	**0.005**	*0.004*	*0.010*	*0.007*	*0.005*	*0.004*	**0.006**	*0.006*	*0.006*
Wood and Wood Waste	**0.075**	**0.076**	**0.079**	**0.078**	**0.075**	**0.074**	**0.078**	*0.080*	*0.080*	*0.079*	*0.081*	*0.080*	**0.077**	*0.077*	*0.080*
Other Renewables (e)	**0.002**	**0.002**	**0.002**	**0.002**	**0.002**	**0.002**	**0.002**	*0.002*	*0.002*	*0.002*	*0.002*	*0.002*	**0.002**	*0.002*	*0.002*
Subtotal Industrial Sector	**0.395**	**0.388**	**0.409**	**0.391**	**0.385**	**0.371**	**0.406**	*0.402*	*0.411*	*0.397*	*0.423*	*0.404*	**0.396**	*0.391*	*0.409*
Total All Sectors	**11.089**	**10.968**	**12.723**	**10.792**	**11.142**	**11.020**	**12.343**	*10.722*	*10.958*	*10.972*	*12.620*	*10.760*	**11.396**	*11.308*	*11.330*

- = no data available

(a) Electric utilities and independent power producers.

(b) "Other" includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies.

(c) Commercial and industrial sectors include electricity output from combined heat and power (CHP) facilities and some electric-only plants.

(d) "Renewables" in commercial sector includes wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind.

(e) "Other Renewables" in industrial sector includes black liquor, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Values of 0.000 may indicate positive levels of generation that are less than 0.0005 billion kilowatthours per day.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports:*Electric Power Monthly* , DOE/EIA-0226; and *Electric Power Annual* , DOE/EIA-0348.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 7e. U.S. Fuel Consumption for Electricity Generation by Sector

Energy Information Administration/Short-Term Energy Outlook - November 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Electric Power Sector (a)															
Coal (mmst/d)	**2.86**	**2.71**	**3.09**	**2.80**	**2.88**	**2.72**	**3.02**	*2.79*	*2.87*	*2.67*	*3.05*	*2.81*	**2.86**	*2.85*	*2.85*
Natural Gas (bcf/d)	**13.97**	**17.20**	**25.92**	**16.50**	**14.78**	**16.76**	**23.18**	*15.55*	*13.58*	*17.08*	*24.83*	*15.43*	**18.43**	*17.58*	*17.75*
Petroleum (mmb/d) (b)	**0.37**	**0.29**	**0.33**	**0.22**	**0.21**	**0.22**	**0.25**	*0.26*	*0.28*	*0.26*	*0.29*	*0.22*	**0.30**	*0.24*	*0.26*
Residual Fuel Oil (mmb/d)	**0.23**	**0.16**	**0.20**	**0.11**	**0.09**	**0.11**	**0.14**	*0.13*	*0.13*	*0.12*	*0.14*	*0.08*	**0.17**	*0.12*	*0.12*
Distillate Fuel Oil (mmb/d)	**0.06**	**0.04**	**0.05**	**0.03**	**0.04**	**0.03**	**0.03**	*0.04*	*0.04*	*0.04*	*0.04*	*0.04*	**0.04**	*0.04*	*0.04*
Petroleum Coke (mmst/d)	**0.08**	**0.08**	**0.08**	**0.07**	**0.07**	**0.07**	**0.08**	*0.10*	*0.10*	*0.10*	*0.11*	*0.10*	**0.08**	*0.08*	*0.10*
Other Petroleum (mmb/d)	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	*0.00*	*0.01*	*0.00*	*0.01*	*0.00*	**0.01**	*0.01*	*0.01*
Commercial Sector (c)															
Coal (mmst/d)	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	**0.00**	*0.00*	*0.00*
Natural Gas (bcf/d)	**0.13**	**0.13**	**0.15**	**0.13**	**0.11**	**0.09**	**0.13**	*0.13*	*0.15*	*0.12*	*0.15*	*0.13*	**0.14**	*0.12*	*0.14*
Petroleum (mmb/d) (b)	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	**0.00**	*0.00*	*0.00*
Industrial Sector (c)															
Coal (mmst/d)	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	*0.02*	*0.02*	*0.02*	*0.02*	*0.02*	**0.02**	*0.02*	*0.02*
Natural Gas (bcf/d)	**1.97**	**1.90**	**2.12**	**2.03**	**1.59**	**1.51**	**1.90**	*2.09*	*2.21*	*2.12*	*2.28*	*2.12*	**2.01**	*1.77*	*2.18*
Petroleum (mmb/d) (b)	**0.02**	**0.02**	**0.02**	**0.02**	**0.01**	**0.01**	**0.01**	*0.02*	*0.02*	*0.02*	*0.02*	*0.02*	**0.02**	*0.01*	*0.02*
Total All Sectors															
Coal (mmst/d)	**2.88**	**2.73**	**3.11**	**2.82**	**2.90**	**2.74**	**3.04**	*2.81*	*2.89*	*2.69*	*3.08*	*2.84*	**2.89**	*2.87*	*2.87*
Natural Gas (bcf/d)	**16.07**	**19.24**	**28.18**	**18.67**	**16.49**	**18.36**	**25.21**	*17.77*	*15.94*	*19.32*	*27.25*	*17.68*	**20.57**	*19.47*	*20.07*
Petroleum (mmb/d) (b)	**0.40**	**0.31**	**0.35**	**0.24**	**0.22**	**0.23**	**0.27**	*0.29*	*0.30*	*0.28*	*0.31*	*0.24*	**0.32**	*0.25*	*0.28*
End-of-period Fuel Inventories Held by Electric Power Sector															
Coal (mmst)	**143.0**	**156.4**	**143.9**	**151.1**	**147.0**	**154.0**	**139.1**	*151.6*	*151.3*	*156.1*	*138.8*	*154.8*	**151.1**	*151.6*	*154.8*
Residual Fuel Oil (mmb)	**23.1**	**26.2**	**25.0**	**24.1**	**22.9**	**23.9**	**22.4**	*25.8*	*25.2*	*27.3*	*25.5*	*26.5*	**24.1**	*25.8*	*26.5*
Distillate Fuel Oil (mmb)	**16.9**	**16.9**	**17.2**	**17.6**	**16.9**	**15.7**	**16.1**	*16.7*	*16.1*	*16.1*	*16.1*	*16.7*	**17.6**	*16.7*	*16.7*
Petroleum Coke (mmb)	**3.2**	**2.8**	**2.7**	**2.7**	**3.4**	**3.8**	**5.0**	*6.2*	*6.2*	*6.0*	*6.0*	*5.6*	**2.7**	*6.2*	*5.6*

- = no data available

(a) Electric utilities and independent power producers.

(b) Petroleum category may include petroleum coke, which is converted from short tons to barrels by multiplying by 5.

(c) Commercial and industrial sectors include electricity output from combined heat and power (CHP) facilities and some electric-only plants.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Physical Units: mmst/d = million short tons per day; mmb/d = million barrels per day; bcf/d = billion cubic feet per day; mmb = million barrels.

Values of 0.00 may indicate positive levels of fuel consumption that are less than 0.005 units per day.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports:*Electric Power Monthly* , DOE/EIA-0226; and *Electric Power Annual* , DOE/EIA-0348.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 8. U.S. Renewable Energy Supply and Consumption (Quadrillion Btu)

Energy Information Administration/Short-Term Energy Outlook - November 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Supply															
Hydroelectric Power (a)	**0.693**	**0.726**	**0.573**	**0.490**	**0.654**	**0.811**	**0.622**	*0.534*	*0.653*	*0.740*	*0.628*	*0.551*	**2.481**	*2.622*	*2.573*
Geothermal	**0.088**	**0.085**	**0.089**	**0.089**	**0.084**	**0.089**	**0.091**	*0.092*	*0.094*	*0.091*	*0.095*	*0.094*	**0.352**	*0.357*	*0.375*
Solar	**0.018**	**0.020**	**0.020**	**0.018**	**0.020**	**0.022**	**0.022**	*0.020*	*0.021*	*0.023*	*0.023*	*0.021*	**0.076**	*0.083*	*0.088*
Wind	**0.081**	**0.085**	**0.070**	**0.086**	**0.111**	**0.133**	**0.099**	*0.107*	*0.119*	*0.145*	*0.111*	*0.112*	**0.322**	*0.450*	*0.487*
Wood	**0.509**	**0.499**	**0.540**	**0.600**	**0.474**	**0.442**	**0.487**	*0.517*	*0.487*	*0.484*	*0.511*	*0.506*	**2.148**	*1.921*	*1.988*
Biofuels and Biomass	**0.121**	**0.130**	**0.142**	**0.156**	**0.171**	**0.187**	**0.208**	*0.215*	*0.215*	*0.219*	*0.224*	*0.227*	**0.549**	*0.781*	*0.885*
Other Renewables	**0.105**	**0.099**	**0.109**	**0.110**	**0.087**	**0.090**	**0.092**	*0.092*	*0.090*	*0.098*	*0.101*	*0.096*	**0.422**	*0.361*	*0.386*
Total	**1.631**	**1.660**	**1.558**	**1.565**	**1.618**	**1.791**	**1.637**	*1.594*	*1.697*	*1.819*	*1.709*	*1.624*	**6.414**	*6.641*	*6.849*
Consumption															
Electric Power Sector															
Hydroelectric Power (a)	**0.686**	**0.722**	**0.570**	**0.488**	**0.648**	**0.807**	**0.619**	*0.530*	*0.644*	*0.734*	*0.624*	*0.547*	**2.465**	*2.604*	*2.549*
Geothermal	**0.078**	**0.075**	**0.079**	**0.079**	**0.073**	**0.078**	**0.080**	*0.081*	*0.082*	*0.079*	*0.083*	*0.082*	**0.312**	*0.313*	*0.327*
Solar	**0.001**	**0.002**	**0.002**	**0.001**	**0.001**	**0.003**	**0.003**	*0.001*	*0.001*	*0.003*	*0.003*	*0.001*	**0.006**	*0.008*	*0.006*
Wind	**0.081**	**0.085**	**0.070**	**0.086**	**0.111**	**0.133**	**0.099**	*0.107*	*0.119*	*0.145*	*0.111*	*0.112*	**0.322**	*0.450*	*0.487*
Wood	**0.048**	**0.044**	**0.046**	**0.045**	**0.049**	**0.041**	**0.050**	*0.049*	*0.048*	*0.044*	*0.051*	*0.048*	**0.184**	*0.188*	*0.191*
Other Renewables	**0.061**	**0.059**	**0.062**	**0.060**	**0.056**	**0.059**	**0.059**	*0.059*	*0.059*	*0.062*	*0.066*	*0.064*	**0.243**	*0.233*	*0.251*
Subtotal	**0.956**	**0.987**	**0.829**	**0.760**	**0.939**	**1.122**	**0.910**	*0.826*	*0.953*	*1.067*	*0.937*	*0.854*	**3.532**	*3.796*	*3.812*
Industrial Sector															
Hydroelectric Power (a)	**0.006**	**0.004**	**0.003**	**0.002**	**0.006**	**0.004**	**0.004**	*0.004*	*0.009*	*0.006*	*0.004*	*0.004*	**0.016**	*0.017*	*0.023*
Geothermal	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	**0.001**	*0.001*	*0.001*	*0.001*	*0.001*	*0.001*	**0.005**	*0.005*	*0.005*
Wood and Wood Waste	**0.340**	**0.335**	**0.373**	**0.431**	**0.319**	**0.294**	**0.327**	*0.355*	*0.331*	*0.332*	*0.350*	*0.345*	**1.478**	*1.295*	*1.358*
Other Renewables	**0.034**	**0.031**	**0.037**	**0.040**	**0.024**	**0.023**	**0.025**	*0.026*	*0.025*	*0.028*	*0.027*	*0.024*	**0.142**	*0.097*	*0.104*
Subtotal	**0.479**	**0.468**	**0.512**	**0.572**	**0.473**	**0.445**	**0.479**	*0.509*	*0.521*	*0.522*	*0.537*	*0.529*	**2.031**	*1.905*	*2.108*
Commercial Sector															
Hydroelectric Power (a)	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	*0.000*	*0.000*	*0.000*	*0.000*	*0.000*	**0.001**	*0.001*	*0.001*
Geothermal	**0.004**	**0.004**	**0.004**	**0.004**	**0.004**	**0.004**	**0.004**	*0.004*	*0.004*	*0.004*	*0.004*	*0.004*	**0.014**	*0.015*	*0.015*
Wood and Wood Waste	**0.020**	**0.020**	**0.020**	**0.023**	**0.006**	**0.006**	**0.010**	*0.013*	*0.008*	*0.008*	*0.010*	*0.012*	**0.083**	*0.034*	*0.037*
Other Renewables	**0.010**	**0.009**	**0.010**	**0.010**	**0.007**	**0.008**	**0.008**	*0.008*	*0.006*	*0.008*	*0.008*	*0.008*	**0.037**	*0.030*	*0.030*
Subtotal	**0.034**	**0.033**	**0.033**	**0.037**	**0.017**	**0.018**	**0.022**	*0.025*	*0.019*	*0.021*	*0.022*	*0.025*	**0.137**	*0.082*	*0.086*
Residential Sector															
Geothermal	**0.005**	**0.005**	**0.005**	**0.005**	**0.006**	**0.006**	**0.006**	*0.006*	*0.007*	*0.007*	*0.007*	*0.007*	**0.021**	*0.024*	*0.028*
Wood	**0.101**	**0.101**	**0.101**	**0.101**	**0.101**	**0.101**	**0.101**	*0.101*	*0.100*	*0.100*	*0.100*	*0.100*	**0.403**	*0.403*	*0.401*
Solar	**0.018**	**0.018**	**0.018**	**0.018**	**0.019**	**0.019**	**0.019**	*0.019*	*0.020*	*0.020*	*0.020*	*0.020*	**0.070**	*0.076*	*0.082*
Subtotal	**0.123**	**0.123**	**0.123**	**0.123**	**0.126**	**0.126**	**0.126**	*0.126*	*0.128*	*0.128*	*0.128*	*0.128*	**0.494**	*0.503*	*0.511*
Transportation Sector															
Biofuels (b)	**0.148**	**0.152**	**0.162**	**0.181**	**0.189**	**0.215**	**0.228**	*0.240*	*0.233*	*0.238*	*0.242*	*0.248*	**0.643**	*0.872*	*0.962*
Total Consumption	**1.740**	**1.764**	**1.661**	**1.673**	**1.743**	**1.925**	**1.770**	*1.725*	*1.853*	*1.976*	*1.866*	*1.784*	**6.837**	*7.164*	*7.479*

- = no data available

(a) Conventional hydroelectric power only. Hydroelectricity generated by pumped storage is not included in renewable energy.

(b) Fuel ethanol supply includes production but excludes imports, exports, and stock change. Fuel ethanol consumption in transportation sector represents total fuel ethanol blended into motor gasoline.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Historical data: Latest data available from EIA databases supporting the following reports: *Electric Power Monthly* , DOE/EIA-0226 and *Renewable Energy Annual* , DOE/EIA-0603; *Petroleum Supply Monthly* , DOE/EIA-0109.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.

Table 9a. U.S. Macroeconomic Energy Indicators

Energy Information Administration/Short-Term Energy Outlook - November 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Macroeconomic															
Real Gross Domestic Product															
(billion chained 2000 dollars - SAAR)	**11,358**	**11,491**	**11,626**	**11,621**	**11,646**	**11,727**	**11,720**	*11,613*	*11,531*	*11,506*	*11,505*	*11,529*	**11,524**	*11,677*	*11,518*
Real Disposable Personal Income															
(billion chained 2000 Dollars - SAAR)	**8,618**	**8,605**	**8,671**	**8,683**	**8,668**	**8,915**	**8,715**	*8,793*	*9,083*	*8,950*	*8,962*	*8,952*	**8,644**	*8,773*	*8,987*
Real Fixed Investment															
(billion chained 2000 dollars-SAAR)	**1,808**	**1,821**	**1,817**	**1,788**	**1,762**	**1,755**	**1,730**	*1,667*	*1,578*	*1,509*	*1,455*	*1,458*	**1,809**	*1,729*	*1,500*
Business Inventory Change															
(billion chained 2000 dollars-SAAR)	**-7.15**	**-7.69**	**-2.21**	**2.91**	**13.75**	**-25.98**	**-24.84**	*-43.15*	*-44.96*	*-42.40*	*-34.99*	*-23.47*	**-3.54**	*-20.05*	*-36.45*
Housing Stock															
(millions)	**122.2**	**122.5**	**122.7**	**122.9**	**123.1**	**123.2**	**123.3**	*123.4*	*123.5*	*123.6*	*123.6*	*123.6*	**122.9**	*123.4*	*123.6*
Non-Farm Employment															
(millions)	**137.2**	**137.5**	**137.8**	**138.0**	**137.9**	**137.7**	**137.4**	*136.8*	*136.1*	*135.4*	*134.9*	*134.8*	**137.6**	*137.5*	*135.3*
Commercial Employment															
(millions)	**90.9**	**91.3**	**91.6**	**91.9**	**92.0**	**91.9**	**91.8**	*91.4*	*91.0*	*90.8*	*90.9*	*91.1*	**91.4**	*91.8*	*91.0*
Industrial Production Indices (Index, 2002=100)															
Total Industrial Production	**110.2**	**111.1**	**112.1**	**112.2**	**112.3**	**111.4**	**109.7**	*108.4*	*107.0*	*105.9*	*105.5*	*105.4*	**111.4**	*110.4*	*106.0*
Manufacturing	**112.6**	**113.9**	**115.1**	**115.0**	**114.8**	**113.8**	**112.1**	*110.0*	*107.7*	*106.4*	*105.9*	*105.8*	**114.2**	*112.6*	*106.4*
Food	**108.0**	**109.5**	**111.2**	**111.5**	**112.6**	**112.7**	**111.7**	*110.6*	*109.8*	*109.6*	*109.7*	*110.0*	**110.1**	*111.9*	*109.8*
Paper	**96.3**	**95.9**	**95.5**	**95.6**	**94.9**	**94.9**	**93.8**	*90.8*	*88.1*	*86.9*	*86.4*	*86.3*	**95.8**	*93.6*	*86.9*
Chemicals	**113.6**	**114.1**	**114.6**	**114.6**	**113.8**	**113.5**	**111.5**	*109.4*	*106.5*	*105.0*	*104.2*	*104.4*	**114.2**	*112.0*	*105.0*
Petroleum	**109.9**	**108.1**	**108.4**	**108.5**	**110.6**	**110.5**	**106.5**	*107.3*	*105.4*	*104.1*	*104.2*	*104.3*	**108.7**	*108.7*	*104.5*
Stone, Clay, Glass	**106.5**	**107.8**	**110.0**	**108.2**	**105.9**	**104.7**	**104.0**	*98.4*	*92.0*	*87.8*	*85.2*	*84.1*	**108.1**	*103.3*	*87.3*
Primary Metals	**108.8**	**110.1**	**111.3**	**111.3**	**113.9**	**110.2**	**110.2**	*107.0*	*102.8*	*99.4*	*97.8*	*97.8*	**110.3**	*110.3*	*99.5*
Resins and Synthetic Products	**107.1**	**110.8**	**109.0**	**108.5**	**104.9**	**105.4**	**99.6**	*99.8*	*95.8*	*92.9*	*91.0*	*91.0*	**108.8**	*102.4*	*92.7*
Agricultural Chemicals	**114.1**	**110.5**	**112.9**	**113.2**	**109.9**	**110.2**	**106.6**	*102.5*	*101.6*	*101.4*	*101.9*	*103.0*	**112.7**	*107.3*	*102.0*
Natural Gas-weighted (a)	**108.9**	**109.5**	**110.1**	**110.0**	**109.5**	**108.6**	**106.0**	*104.0*	*100.9*	*98.9*	*97.9*	*97.9*	**109.7**	*107.0*	*98.9*
Price Indexes															
Consumer Price Index															
(index, 1982-1984=1.00)	**2.04**	**2.07**	**2.08**	**2.11**	**2.13**	**2.15**	**2.19**	*2.16*	*2.16*	*2.15*	*2.16*	*2.18*	**2.07**	*2.16*	*2.16*
Producer Price Index: All Commodities															
(index, 1982=1.00)	**1.67**	**1.72**	**1.73**	**1.77**	**1.85**	**1.96**	**2.01**	*1.84*	*1.80*	*1.76*	*1.76*	*1.77*	**1.73**	*1.91*	*1.77*
Producer Price Index: Petroleum															
(index, 1982=1.00)	**1.76**	**2.21**	**2.22**	**2.37**	**2.58**	**3.18**	**3.28**	*1.84*	*1.77*	*1.85*	*1.90*	*1.84*	**2.14**	*2.72*	*1.84*
GDP Implicit Price Deflator															
(index, 2000=100)	**118.9**	**119.5**	**120.0**	**120.8**	**121.6**	**122.0**	**123.2**	*124.0*	*124.8*	*124.5*	*124.8*	*125.5*	**119.8**	*122.7*	*124.9*
Miscellaneous															
Vehicle Miles Traveled (b)															
(million miles/day)	**7,818**	**8,530**	**8,439**	**8,046**	**7,557**	**8,237**	**8,057**	*7,901*	*7,518*	*8,246*	*8,136*	*7,859*	**8,210**	*7,938*	*7,941*
Air Travel Capacity															
(Available ton-miles/day, thousands)	**543**	**561**	**570**	**558**	**537**	**537**	**543**	*515*	*498*	*511*	*527*	*504*	**558**	*533*	*510*
Aircraft Utilization															
(Revenue ton-miles/day, thousands)	**320**	**347**	**353**	**334**	**321**	**335**	**341**	*304*	*292*	*316*	*329*	*300*	**338**	*325*	*309*
Airline Ticket Price Index															
(index, 1982-1984=100)	**242.0**	**251.8**	**255.9**	**257.1**	**263.5**	**288.1**	**305.6**	*270.0*	*265.0*	*284.4*	*297.4*	*273.7*	**251.7**	*281.8*	*280.1*
Raw Steel Production															
(million short tons per day)	**0.279**	**0.295**	**0.299**	**0.297**	**0.302**	**0.303**	**0.298**	*0.256*	*0.286*	*0.305*	*0.309*	*0.298*	**0.293**	*0.290*	*0.300*

- = no data available

(a) Natural gas share weights of individual sector indices based on EIA*Manufacturing Energy Consumption Survey,* 2002.

(b) Total highway travel includes gasoline and diesel fuel vehicles.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Historical data: Latest data available from U.S. Department of Commerce, Bureau of Economic Analysis; Federal Reserve System, Statistical release G17; Federal Highway Administration; and Federal Aviation Administration.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Macroeconomic projections are based on the Global Insight Model of the U.S. Economy and Regional Economic Information and simulation of the EIA Regional Short-Term Energy Model.

Table 9b. U.S. Regional Macroeconomic Data

Energy Information Administration/Short-Term Energy Outlook - November 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Real Gross State Product (Billion $2000)															
New England	**624**	**630**	**637**	**637**	**637**	**642**	**640**	*633*	*628*	*627*	*625*	*626*	**632**	*638*	*627*
Middle Atlantic	**1,719**	**1,738**	**1,756**	**1,755**	**1,758**	**1,770**	**1,767**	*1,749*	*1,734*	*1,728*	*1,725*	*1,726*	**1,742**	*1,761*	*1,728*
E. N. Central	**1,638**	**1,653**	**1,668**	**1,663**	**1,664**	**1,675**	**1,672**	*1,655*	*1,641*	*1,633*	*1,629*	*1,630*	**1,655**	*1,666*	*1,633*
W. N. Central	**721**	**729**	**737**	**737**	**738**	**743**	**742**	*735*	*729*	*727*	*727*	*728*	**731**	*740*	*728*
S. Atlantic	**2,098**	**2,123**	**2,148**	**2,149**	**2,155**	**2,169**	**2,167**	*2,148*	*2,134*	*2,131*	*2,133*	*2,138*	**2,129**	*2,160*	*2,134*
E. S. Central	**538**	**543**	**550**	**549**	**550**	**553**	**553**	*548*	*544*	*543*	*543*	*544*	**545**	*551*	*543*
W. S. Central	**1,199**	**1,218**	**1,236**	**1,239**	**1,246**	**1,260**	**1,263**	*1,256*	*1,252*	*1,254*	*1,257*	*1,263*	**1,223**	*1,256*	*1,257*
Mountain	**747**	**759**	**770**	**771**	**774**	**779**	**779**	*773*	*768*	*768*	*768*	*770*	**762**	*776*	*769*
Pacific	**1,994**	**2,016**	**2,041**	**2,038**	**2,042**	**2,053**	**2,052**	*2,032*	*2,017*	*2,014*	*2,016*	*2,022*	**2,022**	*2,045*	*2,017*
Industrial Output, Manufacturing (Index, Year 1997=100)															
New England	**107.3**	**108.6**	**110.0**	**109.9**	**109.7**	**108.6**	**107.0**	*104.9*	*102.2*	*100.4*	*99.5*	*99.0*	**108.9**	*107.5*	*100.3*
Middle Atlantic	**105.7**	**106.9**	**107.9**	**107.4**	**106.9**	**106.1**	**104.4**	*102.3*	*100.1*	*98.7*	*98.0*	*97.6*	**107.0**	*104.9*	*98.6*
E. N. Central	**109.7**	**110.9**	**111.7**	**111.4**	**111.1**	**110.0**	**108.1**	*106.1*	*104.0*	*102.8*	*102.3*	*102.0*	**110.9**	*108.8*	*102.8*
W. N. Central	**119.5**	**121.2**	**123.0**	**123.1**	**123.2**	**122.1**	**120.6**	*118.5*	*116.5*	*115.6*	*115.5*	*115.6*	**121.7**	*121.1*	*115.8*
S. Atlantic	**109.1**	**109.8**	**110.6**	**110.3**	**109.8**	**108.5**	**106.5**	*104.2*	*101.9*	*100.7*	*100.2*	*100.1*	**110.0**	*107.3*	*100.7*
E. S. Central	**115.8**	**116.7**	**117.7**	**117.4**	**116.9**	**115.8**	**113.8**	*111.5*	*109.4*	*108.4*	*108.1*	*108.3*	**116.9**	*114.5*	*108.5*
W. S. Central	**118.9**	**121.1**	**122.7**	**122.9**	**123.0**	**122.2**	**120.6**	*118.4*	*116.2*	*115.2*	*114.9*	*114.9*	**121.4**	*121.0*	*115.3*
Mountain	**124.3**	**126.1**	**127.5**	**127.7**	**127.6**	**126.6**	**125.1**	*122.9*	*120.0*	*118.2*	*117.5*	*117.1*	**126.4**	*125.5*	*118.2*
Pacific	**114.4**	**115.8**	**117.4**	**117.6**	**117.4**	**116.6**	**115.1**	*113.1*	*110.6*	*109.0*	*108.5*	*108.3*	**116.3**	*115.5*	*109.1*
Real Personal Income (Billion $2000)															
New England	**570**	**567**	**571**	**572**	**571**	**576**	**569**	*574*	*581*	*579*	*578*	*576*	**570**	*572*	*578*
Middle Atlantic	**1,560**	**1,542**	**1,553**	**1,554**	**1,552**	**1,561**	**1,551**	*1,567*	*1,585*	*1,579*	*1,577*	*1,573*	**1,552**	*1,558*	*1,579*
E. N. Central	**1,437**	**1,431**	**1,437**	**1,437**	**1,434**	**1,450**	**1,430**	*1,441*	*1,458*	*1,452*	*1,450*	*1,445*	**1,435**	*1,439*	*1,451*
W. N. Central	**621**	**625**	**629**	**631**	**626**	**631**	**623**	*632*	*639*	*637*	*637*	*635*	**626**	*628*	*637*
S. Atlantic	**1,835**	**1,835**	**1,847**	**1,850**	**1,850**	**1,863**	**1,843**	*1,861*	*1,885*	*1,880*	*1,882*	*1,882*	**1,842**	*1,854*	*1,882*
E. S. Central	**483**	**485**	**488**	**488**	**487**	**493**	**487**	*492*	*498*	*497*	*498*	*496*	**486**	*490*	*497*
W. S. Central	**1,046**	**1,057**	**1,068**	**1,072**	**1,074**	**1,087**	**1,079**	*1,092*	*1,109*	*1,110*	*1,112*	*1,113*	**1,061**	*1,083*	*1,111*
Mountain	**640**	**642**	**648**	**649**	**649**	**653**	**648**	*655*	*664*	*663*	*663*	*663*	**645**	*651*	*663*
Pacific	**1,679**	**1,689**	**1,700**	**1,703**	**1,698**	**1,712**	**1,691**	*1,706*	*1,726*	*1,722*	*1,723*	*1,722*	**1,693**	*1,702*	*1,723*
Households (Thousands)															
New England	**5,524**	**5,528**	**5,533**	**5,538**	**5,540**	**5,545**	**5,546**	*5,552*	*5,557*	*5,564*	*5,568*	*5,571*	**5,538**	*5,552*	*5,571*
Middle Atlantic	**15,258**	**15,266**	**15,275**	**15,284**	**15,280**	**15,286**	**15,281**	*15,291*	*15,298*	*15,309*	*15,314*	*15,317*	**15,284**	*15,291*	*15,317*
E. N. Central	**17,975**	**17,991**	**18,007**	**18,022**	**18,076**	**18,084**	**18,082**	*18,111*	*18,102*	*18,112*	*18,131*	*18,150*	**18,022**	*18,111*	*18,150*
W. N. Central	**8,021**	**8,038**	**8,054**	**8,069**	**8,078**	**8,091**	**8,098**	*8,113*	*8,127*	*8,142*	*8,153*	*8,164*	**8,069**	*8,113*	*8,164*
S. Atlantic	**22,363**	**22,436**	**22,511**	**22,587**	**22,647**	**22,719**	**22,775**	*22,852*	*22,925*	*23,002*	*23,070*	*23,136*	**22,587**	*22,852*	*23,136*
E. S. Central	**7,036**	**7,053**	**7,069**	**7,086**	**7,097**	**7,112**	**7,124**	*7,141*	*7,157*	*7,174*	*7,189*	*7,203*	**7,086**	*7,141*	*7,203*
W. S. Central	**12,418**	**12,463**	**12,507**	**12,550**	**12,585**	**12,624**	**12,657**	*12,698*	*12,739*	*12,778*	*12,814*	*12,847*	**12,550**	*12,698*	*12,847*
Mountain	**7,908**	**7,952**	**7,996**	**8,040**	**8,079**	**8,122**	**8,159**	*8,203*	*8,246*	*8,290*	*8,333*	*8,374*	**8,040**	*8,203*	*8,374*
Pacific	**17,027**	**17,071**	**17,115**	**17,160**	**17,191**	**17,233**	**17,263**	*17,310*	*17,355*	*17,403*	*17,445*	*17,484*	**17,160**	*17,310*	*17,484*
Total Non-farm Employment (Millions)															
New England	**7.0**	**7.0**	**7.1**	**7.1**	**7.1**	**7.0**	**7.0**	*7.0*	*6.9*	*6.9*	*6.9*	*6.8*	**7.0**	*7.0*	*6.9*
Middle Atlantic	**18.5**	**18.6**	**18.6**	**18.7**	**18.6**	**18.6**	**18.6**	*18.5*	*18.3*	*18.2*	*18.1*	*18.1*	**18.6**	*18.6*	*18.2*
E. N. Central	**21.5**	**21.6**	**21.5**	**21.5**	**21.5**	**21.4**	**21.4**	*21.3*	*21.1*	*21.0*	*20.9*	*20.8*	**21.5**	*21.4*	*20.9*
W. N. Central	**10.2**	**10.2**	**10.2**	**10.2**	**10.2**	**10.2**	**10.2**	*10.1*	*10.1*	*10.0*	*10.0*	*10.0*	**10.2**	*10.2*	*10.0*
S. Atlantic	**26.5**	**26.5**	**26.5**	**26.6**	**26.6**	**26.6**	**26.5**	*26.4*	*26.3*	*26.1*	*26.1*	*26.1*	**26.5**	*26.5*	*26.1*
E. S. Central	**7.8**	**7.8**	**7.8**	**7.9**	**7.8**	**7.8**	**7.8**	*7.8*	*7.7*	*7.7*	*7.7*	*7.7*	**7.8**	*7.8*	*7.7*
W. S. Central	**14.9**	**15.0**	**15.1**	**15.2**	**15.2**	**15.2**	**15.2**	*15.2*	*15.2*	*15.1*	*15.1*	*15.1*	**15.1**	*15.2*	*15.1*
Mountain	**9.7**	**9.8**	**9.8**	**9.8**	**9.8**	**9.8**	**9.8**	*9.8*	*9.7*	*9.7*	*9.7*	*9.7*	**9.8**	*9.8*	*9.7*
Pacific	**20.7**	**20.8**	**20.8**	**20.8**	**20.8**	**20.7**	**20.7**	*20.6*	*20.5*	*20.4*	*20.3*	*20.3*	**20.8**	*20.7*	*20.3*

- = no data available

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Regions refer to U.S. Census divisions.

See "Census division" in EIA's Energy Glossary (http://www.eia.doe.gov/glossary/index.html) for a list of States in each region.

Historical data: Latest data available from U.S. Department of Commerce, Bureau of Economic Analysis; Federal Reserve System, Statistical release G17.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Macroeconomic projections are based on the Global Insight Model of the U.S. Economy.

Table 9c. U.S. Regional Weather Data

Energy Information Administration/Short-Term Energy Outlook - November 2008

	2007				2008				2009				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2007	2008	2009
Heating Degree-days															
New England	**3,283**	**910**	**107**	**2,201**	**3,114**	**861**	**183**	*2,294*	*3,218*	*930*	*181*	*2,261*	**6,501**	*6,452*	*6,590*
Middle Atlantic	**2,973**	**716**	**61**	**1,871**	**2,814**	**674**	**87**	*2,074*	*2,959*	*752*	*123*	*2,059*	**5,622**	*5,649*	*5,893*
E. N. Central	**3,171**	**721**	**77**	**2,127**	**3,365**	**777**	**134**	*2,253*	*3,135*	*797*	*155*	*2,292*	**6,096**	*6,530*	*6,379*
W. N. Central	**3,215**	**673**	**107**	**2,379**	**3,540**	**852**	**157**	*2,422*	*3,228*	*726*	*183*	*2,501*	**6,374**	*6,972*	*6,638*
South Atlantic	**1,446**	**247**	**7**	**886**	**1,452**	**234**	**16**	*1,083*	*1,506*	*246*	*25*	*1,056*	**2,585**	*2,785*	*2,833*
E. S. Central	**1,776**	**292**	**6**	**1,138**	**1,914**	**283**	**16**	*1,369*	*1,837*	*294*	*32*	*1,373*	**3,212**	*3,582*	*3,536*
W. S. Central	**1,270**	**149**	**2**	**736**	**1,212**	**101**	**11**	*889*	*1,229*	*107*	*9*	*893*	**2,157**	*2,213*	*2,238*
Mountain	**2,260**	**622**	**112**	**1,836**	**2,409**	**765**	**120**	*1,919*	*2,305*	*716*	*176*	*1,948*	**4,830**	*5,212*	*5,145*
Pacific	**1,371**	**501**	**91**	**1,150**	**1,496**	**543**	**56**	*1,094*	*1,426*	*554*	*105*	*1,145*	**3,113**	*3,189*	*3,230*
U.S. Average	**2,196**	**508**	**57**	**1,495**	**2,251**	**528**	**77**	*1,618*	*2,208*	*539*	*100*	*1,630*	**4,256**	*4,474*	*4,477*
Heating Degree-days, 30-year Normal (a)															
New England	**3,219**	**930**	**190**	**2,272**	**3,219**	**930**	**190**	*2,272*	*3,219*	*930*	*190*	*2,272*	**6,611**	*6,611*	*6,611*
Middle Atlantic	**2,968**	**752**	**127**	**2,064**	**2,968**	**752**	**127**	*2,064*	*2,968*	*752*	*127*	*2,064*	**5,911**	*5,911*	*5,911*
E. N. Central	**3,227**	**798**	**156**	**2,316**	**3,227**	**798**	**156**	*2,316*	*3,227*	*798*	*156*	*2,316*	**6,497**	*6,497*	*6,497*
W. N. Central	**3,326**	**729**	**183**	**2,512**	**3,326**	**729**	**183**	*2,512*	*3,326*	*729*	*183*	*2,512*	**6,750**	*6,750*	*6,750*
South Atlantic	**1,523**	**247**	**25**	**1,058**	**1,523**	**247**	**25**	*1,058*	*1,523*	*247*	*25*	*1,058*	**2,853**	*2,853*	*2,853*
E. S. Central	**1,895**	**299**	**33**	**1,377**	**1,895**	**299**	**33**	*1,377*	*1,895*	*299*	*33*	*1,377*	**3,604**	*3,604*	*3,604*
W. S. Central	**1,270**	**112**	**9**	**896**	**1,270**	**112**	**9**	*896*	*1,270*	*112*	*9*	*896*	**2,287**	*2,287*	*2,287*
Mountain	**2,321**	**741**	**183**	**1,964**	**2,321**	**741**	**183**	*1,964*	*2,321*	*741*	*183*	*1,964*	**5,209**	*5,209*	*5,209*
Pacific	**1,419**	**556**	**108**	**1,145**	**1,419**	**556**	**108**	*1,145*	*1,419*	*556*	*108*	*1,145*	**3,228**	*3,228*	*3,228*
U.S. Average	**2,242**	**543**	**101**	**1,638**	**2,242**	**543**	**101**	*1,638*	*2,242*	*543*	*101*	*1,638*	**4,524**	*4,524*	*4,524*
Cooling Degree-days															
New England	**0**	**83**	**393**	**8**	**0**	**105**	**365**	*0*	*0*	*69*	*356*	*0*	**484**	*470*	*425*
Middle Atlantic	**0**	**202**	**552**	**34**	**0**	**204**	**526**	*0*	*0*	*140*	*518*	*5*	**788**	*730*	*663*
E. N. Central	**3**	**273**	**595**	**30**	**0**	**198**	**465**	*3*	*1*	*197*	*502*	*8*	**899**	*666*	*708*
W. N. Central	**12**	**320**	**783**	**21**	**0**	**229**	**582**	*3*	*3*	*263*	*650*	*12*	**1,137**	*814*	*928*
South Atlantic	**126**	**575**	**1,219**	**290**	**122**	**626**	**1,100**	*194*	*113*	*567*	*1,085*	*212*	**2,211**	*2,042*	*1,977*
E. S. Central	**50**	**543**	**1,230**	**105**	**4**	**523**	**1,027**	*49*	*33*	*459*	*1,004*	*63*	**1,928**	*1,603*	*1,559*
W. S. Central	**103**	**728**	**1,431**	**228**	**81**	**890**	**1,350**	*169*	*84*	*782*	*1,423*	*177*	**2,490**	*2,490*	*2,466*
Mountain	**32**	**472**	**1,061**	**96**	**17**	**423**	**887**	*66*	*15*	*389*	*843*	*64*	**1,662**	*1,393*	*1,311*
Pacific	**13**	**178**	**576**	**42**	**6**	**187**	**687**	*61*	*7*	*152*	*512*	*41*	**809**	*941*	*712*
U.S. Average	**43**	**378**	**867**	**110**	**35**	**385**	**799**	*73*	*35*	*344*	*773*	*77*	**1,399**	*1,292*	*1,229*
Cooling Degree-days, 30-year Normal (a)															
New England	**0**	**81**	**361**	**1**	**0**	**81**	**361**	*1*	*0*	*81*	*361*	*1*	**443**	*443*	*443*
Middle Atlantic	**0**	**151**	**508**	**7**	**0**	**151**	**508**	*7*	*0*	*151*	*508*	*7*	**666**	*666*	*666*
E. N. Central	**1**	**208**	**511**	**10**	**1**	**208**	**511**	*10*	*1*	*208*	*511*	*10*	**730**	*730*	*730*
W. N. Central	**3**	**270**	**661**	**14**	**3**	**270**	**661**	*14*	*3*	*270*	*661*	*14*	**948**	*948*	*948*
South Atlantic	**113**	**576**	**1,081**	**213**	**113**	**576**	**1,081**	*213*	*113*	*576*	*1,081*	*213*	**1,983**	*1,983*	*1,983*
E. S. Central	**29**	**469**	**1,002**	**66**	**29**	**469**	**1,002**	*66*	*29*	*469*	*1,002*	*66*	**1,566**	*1,566*	*1,566*
W. S. Central	**80**	**790**	**1,424**	**185**	**80**	**790**	**1,424**	*185*	*80*	*790*	*1,424*	*185*	**2,479**	*2,479*	*2,479*
Mountain	**17**	**383**	**839**	**68**	**17**	**383**	**839**	*68*	*17*	*383*	*839*	*68*	**1,307**	*1,307*	*1,307*
Pacific	**10**	**171**	**526**	**49**	**10**	**171**	**526**	*49*	*10*	*171*	*526*	*49*	**756**	*756*	*756*
U.S. Average	**34**	**353**	**775**	**80**	**34**	**353**	**775**	*80*	*34*	*353*	*775*	*80*	**1,242**	*1,242*	*1,242*

- = no data available

(a) 30-year normal represents average over 1971 - 2000, reported by National Oceaenic and Atmospheric Administration.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Regions refer to U.S. Census divisions.

See "Census division" in EIA's Energy Glossary (http://www.eia.doe.gov/glossary/index.html) for a list of States in each region.

Historical data: Latest data available from U.S. Department of Commerce, National Oceanic and Atmospheric Association (NOAA).

Minor discrepancies with published historical data are due to independent rounding.

Projections: Based on forecasts by the NOAA Climate Prediction Center.